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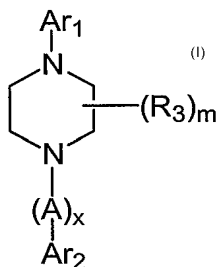
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(54) Title: BENZOAZOLYPIPERAZINE DERIVATIVES HAVING MGLUR1- AND MGLUR5-ANTAGONISTIC ACTIVITY



(57) Abstract: A compound of formula (I) wherein Ar₁, A, R₃, x, and m are as disclosed herein and Ar₂ is a benzothiazolyl, benzooxazolyl, or benzoimidazolyl group or a pharmaceutically acceptable salt thereof (a "Benzoazolyloxy piperazine Compound"), compositions comprising a Benzoazolyloxy piperazine Compound, and methods for treating or preventing pain, ulcers, IBD, IBS, an addictive disorder, Parkinson's disease, parkinsonism, anxiety, epilepsy, stroke, a seizure, a pruritic condition, psychosis, a cognitive disorder, a memory deficit, restricted brain function, Huntington's chorea, amyotrophic lateral sclerosis, dementia, retinopathy, a muscle spasm, a migraine, vomiting, dyskinesia, or depression in an animal comprising administering to an animal in need thereof an effective amount of Benzoazolyloxy piperazine Compound are disclosed.



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BENZOAZOLYPIPERAZINE DERIVATIVES HAVING MGLUR1- AND MGLUR5-ANTAGONISTIC ACTIVITY

This application claims the benefit of U.S. Provisional Application No. 60/435,917, filed December 24, 2002; U.S. Provisional Application No. 60/459,626, filed April 3, 2003; and U.S. Provisional Application No. 60/473,856, filed May 29, 2003, all of which are incorporated herein by reference in their entirety.

1. FIELD OF THE INVENTION

The present invention relates to Benzoazolyloperazine Compounds, compositions comprising a Benzoazolyloperazine Compound and methods for treating or preventing pain, urinary incontinence (UI), an ulcer, inflammatory-bowel disease (IBD), irritable-bowel syndrome (IBS), an addictive disorder, Parkinson's disease, parkinsonism, anxiety, epilepsy, stroke, a seizure, a pruritic condition, psychosis, a cognitive disorder, a memory deficit, restricted brain function, Huntington's chorea, amyotrophic lateral sclerosis (ALS), dementia, retinopathy, a muscle spasm, a migraine, vomiting, dyskinesia or depression, comprising administering to an animal in need thereof an effective amount of a Benzoazolyloperazine Compound.

2. BACKGROUND OF THE INVENTION

Pain is the most common symptom for which patients seek medical advice and treatment. Pain can be acute or chronic. While acute pain is usually self-limited, chronic pain persists for 3 months or longer and can lead to significant changes in a patient's personality, lifestyle, functional ability and overall quality of life (K.M. Foley, *Pain, in Cecil Textbook of Medicine* 100-107 (J.C. Bennett and F. Plum eds., 20th ed. 1996)).

Pain has been traditionally managed by administering non-opioid analgesics, such as acetylsalicylic acid, choline magnesium trisalicylate, acetaminophen, ibuprofen, fenoprofen, diflusal, and naproxen; or opioid analgesics, including morphine, hydromorphone, methadone, levorphanol, fentanyl, oxycodone, and oxymorphone. *Id.*

UI is uncontrollable urination, generally caused by bladder-detrusor-muscle instability. UI affects people of all ages and levels of physical health, both in health care settings and in the community at large. At present, UI afflicts 15-30% of elderly people living at home, one-third of those living in acute-care settings, and at least one-half of those

living in long-term care institutions (R.M. Resnick, *Lancet* 346:94 (1995)). Persons having UI are predisposed to also having urinary-tract infections, pressure ulcers, perineal rashes and urosepsis. Psychosocially, UI is associated with embarrassment, social stigmatization, depression and a risk of institutionalization (Herzo *et al.*, *Annu. Rev. Gerontol. Geriatr.* 9:74
5 (1989)). Economically, the costs of UI are great; in the United States alone, health-care costs associated with UI are over \$15 billion per annum.

Physiologic bladder contraction results in large part from acetylcholine-induced stimulation of post-ganglionic muscarinic-receptor sites on bladder smooth muscle. Treatments for UI include the administration of drugs having bladder-relaxant properties,
10 which help to control bladder-detrusor-muscle overactivity. For example, anticholinergics such as propantheline bromide and glycopyrrolate, and combinations of smooth-muscle relaxants such as a combination of racemic oxybutynin and dicyclomine or an anticholinergic, have been used to treat UI (*See, e.g.*, A.J. Wein, *Urol. Clin. N. Am.* 22:557-577 (1995); Levin *et al.*, *J. Urol.* 128:396-398 (1982); Cooke *et al.*, *S. Afr. Med. J.* 63:3 (1983); R.K. Mirakhur
15 *et al.*, *Anaesthesia* 38:1195-1204 (1983)). These drugs are not effective, however, in all patients having uninhibited bladder contractions. Administration of anticholinergic medications represent the mainstay of this type of treatment.

None of the existing commercial drug treatments for UI, however, has achieved complete success in all classes of UI patients, nor has treatment occurred without
20 significant adverse side effects. For example, drowsiness, dry mouth, constipation, blurred vision, headaches, tachycardia, and cardiac arrhythmia, which are related to the anticholinergic activity of traditional anti-UI drugs, can occur frequently and adversely affect patient compliance. Yet despite the prevalence of unwanted anticholinergic effects in many patients, anticholinergic drugs are currently prescribed for patients having UI. *The Merck*
25 *Manual of Medical Information* 631-634 (R. Berkow ed., 1997).

Ulcers are sores occurring where the lining of the digestive tract has been eroded by stomach acids or digestive juices. The sores are typically well-defined round or oval lesions primarily occurring in the stomach and duodenum. About 1 in 10 people develop an ulcer. Ulcers develop as a result of an imbalance between acid-secretory factors, also
30 known as "aggressive factors," such as stomach acid, pepsin, and *Helicobacter pylori*

infection, and local mucosal-protective factors, such as secretion of bicarbonate, mucus, and prostaglandins.

Treatment of ulcers typically involves reducing or inhibiting the aggressive factors. For example, antacids such as aluminum hydroxide, magnesium hydroxide, sodium bicarbonate, and calcium bicarbonate can be used to neutralize stomach acids. Antacids, however, can cause alkalosis, leading to nausea, headache, and weakness. Antacids can also interfere with the absorption of other drugs into the blood stream and cause diarrhea.

H₂ antagonists, such as cimetidine, ranitidine, famotidine, and nizatidine, are also used to treat ulcers. H₂ antagonists promote ulcer healing by reducing gastric acid and digestive-enzyme secretion elicited by histamine and other H₂ agonists in the stomach and duodenum. H₂ antagonists, however, can cause breast enlargement and impotence in men, mental changes (especially in the elderly), headache, dizziness, nausea, myalgia, diarrhea, rash, and fever.

H⁺, K⁺ - ATPase inhibitors such as omeprazole and lansoprazole are also used to treat ulcers. H⁺, K⁺ - ATPase inhibitors inhibit the production of enzymes used by the stomach to secrete acid. Side effects associated with H⁺, K⁺ - ATPase inhibitors include nausea, diarrhea, abdominal colic, headache, dizziness, somnolence, skin rashes, and transient elevations of plasma activities of aminotransferases.

Sucraflate is also used to treat ulcers. Sucraflate adheres to epithelial cells and is believed to form a protective coating at the base of an ulcer to promote healing. Sucraflate, however, can cause constipation, dry mouth, and interfere with the absorption of other drugs.

Antibiotics are used when *Helicobacter pylori* is the underlying cause of the ulcer. Often antibiotic therapy is coupled with the administration of bismuth compounds such as bismuth subsalicylate and colloidal bismuth citrate. The bismuth compounds are believed to enhance secretion of mucous and HCO₃⁻, inhibit pepsin activity, and act as an antibacterial against *H. pylori*. Ingestion of bismuth compounds, however, can lead to elevated plasma concentrations of Bi⁺³ and can interfere with the absorption of other drugs.

Prostaglandin analogues, such as misoprostal, inhibit secretion of acid and stimulate the secretion of mucous and bicarbonate and are also used to treat ulcers, especially ulcers in patients who require nonsteroidal anti-inflammatory drugs. Effective oral doses of

prostaglandin analogues, however, can cause diarrhea and abdominal cramping. In addition, some prostaglandin analogues are abortifacients.

Carbenoxolone, a mineral corticoid, can also be used to treat ulcers.

Carbenoxolone appears to alter the composition and quantity of mucous, thereby enhancing
5 the mucosal barrier. Carbenoxolone, however, can lead to Na^+ and fluid retention, hypertension, hypokalemia, and impaired glucose tolerance.

Muscarinic cholinergic antagonists such as pirenzapine and telenzapine can also be used to reduce acid secretion and treat ulcers. Side effects of muscarinic cholinergic antagonists include dry mouth, blurred vision, and constipation. *The Merck Manual of*
10 *Medical Information* 496-500 (R. Berkow ed., 1997) and *Goodman and Gilman's The Pharmacological Basis of Therapeutics* 901-915 (J. Hardman and L. Limbird eds., 9th ed. 1996).

IBD is a chronic disorder in which the bowel becomes inflamed, often causing recurring abdominal cramps and diarrhea. The two types of IBD are Crohn's disease and
15 ulcerative colitis.

Crohn's disease, which can include regional enteritis, granulomatous ileitis, and ileocolitis, is a chronic inflammation of the intestinal wall. Crohn's disease occurs equally in both sexes and is more common in Jews of eastern-European ancestry. Most cases of Crohn's disease begin before age 30 and the majority start between the ages of 14 and 24.
20 The disease typically affects the full thickness of the intestinal wall. Generally the disease affects the lowest portion of the small intestine (ileum) and the large intestine, but can occur in any part of the digestive tract.

Early symptoms of Crohn's disease are chronic diarrhea, crampy abdominal pain, fever, loss of appetite, and weight loss. Complications associated with Crohn's disease
25 include the development of intestinal obstructions, abnormal connecting channels (fistulas), and abscesses. The risk of cancer of the large intestine is increased in people who have Crohn's disease. Often Crohn's disease is associated with other disorders such as gallstones, inadequate absorption of nutrients, amyloidosis, arthritis, episcleritis, aphthous stomatitis, erythema nodosum, pyoderma gangrenosum, ankylosing spondylitis, sacroilitis, uveitis, and
30 primary sclerosing cholangitis. There is no known cure for Crohn's disease.

Cramps and diarrhea, side effects associated with Crohn's disease, can be relieved by anticholinergic drugs, diphenoxylate, loperamide, deodorized opium tincture, or codeine. Generally, the drug is taken orally before a meal.

Broad-spectrum antibiotics are often administered to treat the symptoms of Crohn's disease. The antibiotic metronidazole is often administered when the disease affects the large intestine or causes abscesses and fistulas around the anus. Long-term use of metronidazole, however, can damage nerves, resulting in pins-and-needles sensations in the arms and legs. Sulfasalazine and chemically related drugs can suppress mild inflammation, especially in the large intestine. These drugs, however, are less effective in sudden, severe flare-ups. Corticosteroids, such as prednisone, reduce fever and diarrhea and relieve abdominal pain and tenderness. Long-term corticosteroid therapy, however, invariably results in serious side effects such as high blood-sugar levels, increased risk of infection, osteoporosis, water retention, and fragility of the skin. Drugs such as azathioprine and mercaptopurine can compromise the immune system and are often effective for Crohn's disease in patients that do not respond to other drugs. These drugs, however, usually need 3 to 6 months before they produce benefits and can cause serious side effects such as allergy, pancreatitis, and low white-blood-cell count.

When Crohn's disease causes the intestine to be obstructed or when abscesses or fistulas do not heal, surgery can be necessary to remove diseased sections of the intestine. Surgery, however, does not cure the disease, and inflammation tends to recur where the intestine is rejoined. In almost half of the cases a second operation is needed. *The Merck Manual of Medical Information* 528-530 (R. Berkow ed., 1997).

Ulcerative colitis is a chronic disease in which the large intestine becomes inflamed and ulcerated, leading to episodes of bloody diarrhea, abdominal cramps, and fever. Ulcerative colitis usually begins between ages 15 and 30; however, a small group of people have their first attack between ages 50 and 70. Unlike Crohn's disease, ulcerative colitis never affects the small intestine and does not affect the full thickness of the intestine. The disease usually begins in the rectum and the sigmoid colon and eventually spreads partially or completely through out the large intestine. The cause of ulcerative colitis is unknown.

Treatment of ulcerative colitis is directed to controlling inflammation, reducing symptoms, and replacing lost fluids and nutrients. Anticholinergic drugs and low

doses of diphenoxylate or loperamide are administered for treating mild diarrhea. For more intense diarrhea higher doses of diphenoxylate or loperamide, or deodorized opium tincture or codeine are administered. Sulfasalazine, olsalazine, prednisone, or mesalamine can be used to reduce inflammation. Azathioprine and mercaptopurine have been used to maintain

5 remissions in ulcerative-colitis patients who would otherwise need long-term corticosteroid treatment. In severe cases of ulcerative colitis the patient is hospitalized and given corticosteroids intravenously. People with severe rectal bleeding can require transfusions and intravenous fluids. If toxic colitis develops and treatments fail, surgery to remove the large intestine can be necessary. Non-emergency surgery can be performed if cancer is diagnosed,
10 precancerous lesions are detected, or unremitting chronic disease would otherwise make the person an invalid or dependent on high doses of corticosteroids. Complete removal of the large intestine and rectum permanently cures ulcerative colitis. *The Merck Manual of Medical Information* 530-532 (R. Berkow ed., 1997) and *Goodman and Gilman's The Pharmacological Basis of Therapeutics* (J. Hardman and L. Limbird eds., 9th ed. 1996).

15 IBS is a disorder of motility of the entire gastrointestinal tract, causing abdominal pain, constipation, and/or diarrhea. IBS affects three-times more women than men. In IBS stimuli such as stress, diet, drugs, hormones, or irritants can cause the gastrointestinal tract to contract abnormally. During an episode of IBS contractions of the gastrointestinal tract become stronger and more frequent, resulting in the rapid transit of food
20 and feces through the small intestine, often leading to diarrhea. Cramps result from the strong contractions of the large intestine and increased sensitivity of pain receptors in the large intestine.

There are two major types of IBS. The first type, spastic-colon type, is commonly triggered by eating, and usually produces periodic constipation and diarrhea with
25 pain. Mucous often appears in the stool. The pain can come in bouts of continuous dull aching pain or cramps, usually in the lower abdomen. The person suffering from spastic-colon type IBS can also experience bloating, gas, nausea, headache, fatigue, depression, anxiety, and difficulty concentrating. The second type of IBS usually produces painless diarrhea or constipation. The diarrhea can begin suddenly and with extreme urgency. Often
30 the diarrhea occurs soon after a meal and can sometimes occur immediately upon awakening.

Treatment of IBS typically involves modification of an IBS-patient's diet. Often it is recommended that an IBS patient avoid beans, cabbage, sorbitol, and fructose. A low-fat, high-fiber diet can also help some IBS patients. Regular physical activity can also help keep the gastrointestinal tract functioning properly. Drugs such as propantheline that
5 slow the function of the gastrointestinal tract are generally not effective for treating IBS. Antidiarrheal drugs, such as diphenoxylate and loperamide, help with diarrhea. *The Merck Manual of Medical Information* 525-526 (R. Berkow ed., 1997).

Many drugs can cause physical and/or psychological addiction. Those most well known types of these drugs include opiates, such as heroin, opium, and morphine;
10 sympathomimetics, including cocaine and amphetamines; sedative-hypnotics, including alcohol, benzodiazepines and barbiturates; and nicotine, which has effects similar to opioids and sympathomimetics. Drug addiction is characterized by a craving or compulsion for taking the drug and an inability to limit its intake. Additionally, drug dependence is associated with drug tolerance, the loss of effect of the drug following repeated
15 administration, and withdrawal, the appearance of physical and behavioral symptoms when the drug is not consumed. Sensitization occurs if repeated administration of a drug leads to an increased response to each dose. Tolerance, sensitization, and withdrawal are phenomena evidencing a change in the central nervous system resulting from continued use of the drug. This change can motivate the addicted individual to continue consuming the drug despite
20 serious social, legal, physical and/or professional consequences. (*See, e.g.,* U.S. Patent No. 6,109,269 to Rise *et al.*).

Certain pharmaceutical agents have been administered for treating addiction. U.S. Patent No. 5,556,838 to Mayer *et al.* discloses the use of nontoxic NMDA-blocking agents co-administered with an addictive substance to prevent the development of tolerance
25 or withdrawal symptoms. U.S. Patent No. 5,574,052 to Rose *et al.* discloses co-administration of an addictive substance with an antagonist to partially block the pharmacological effects of the substance. U.S. Patent No. 5,075,341 to Mendelson *et al.* discloses the use of a mixed opiate agonist/antagonist to treat cocaine and opiate addiction. U.S. Patent No. 5,232,934 to Downs discloses administration of 3-phenoxypropidine to treat
30 addiction. U.S. Patents No. 5,039,680 and 5,198,459 to Imperato *et al.* disclose using a serotonin antagonist to treat chemical addiction. U.S. Patent No. 5,556,837 to Nestler *et al.*

discloses infusing BDNF or NT-4 growth factors to inhibit or reverse neurological adaptive changes that correlate with behavioral changes in an addicted individual. U.S. Patent. No. 5,762,925 to Sagan discloses implanting encapsulated adrenal medullary cells into an animal's central nervous system to inhibit the development of opioid intolerance. U.S. Patent
5 No. 6,204,284 to Beer *et al.* discloses racemic (\pm)-1-(3,4-dichlorophenyl)-3-azabicyclo[3.1.0]hexane for use in the prevention or relief of a withdrawal syndrome resulting from addiction to drugs and for the treatment of chemical dependencies.

Parkinson's disease is a clinical syndrome comprising bradykinesia (slowness and poverty of movement), muscular rigidity, resting tremor (which usually abates during
10 voluntary movement), and an impairment of postural balance leading to disturbance of gait and falling. The features of Parkinson's disease are a loss of pigmented, dopaminergic neurons of the substantia nigra pars compacta and the appearance of intracellular inclusions known as Lewy bodies (*Goodman and Gillman's The Pharmaceutical Basis of Therapeutics* 506 (9th ed. 1996)). Without treatment, Parkinson's disease progresses to a rigid akinetic state
15 in which patients are incapable of caring for themselves. Death frequently results from complications of immobility, including aspiration pneumonia or pulmonary embolism. Drugs commonly used for the treatment of Parkinson's disease include carbidopa/levodopa, pergolide, bromocriptine, selegiline, amantadine, and trihexyphenidyl hydrochloride. There remains, however, a need for drugs useful for the treatment of Parkinson's disease and having
20 an improved therapeutic profile.

Anxiety is a fear, apprehension, or dread of impending danger often accompanied by restlessness, tension, tachycardia, and dyspnea. Other symptoms commonly associated with anxiety include depression, especially accompanied with dysthymic disorder (chronic "neurotic" depression); panic disorder; agoraphobia and other specific phobias;
25 eating disorders; and many personality disorders. Often anxiety is unattached to a clearly identified treatable primary illness. If a primary illness is found, however, it can be desirable to deal with the anxiety at the same time as the primary illness.

Currently, benzodiazepines are the most commonly used anti-anxiety agents for generalized anxiety disorder. Benzodiazepines, however, carry the risk of producing
30 impairment of cognition and skilled motor functions, particularly in the elderly, which can result in confusion, delirium, and falls with fractures. Sedatives are also commonly

prescribed for treating anxiety. The azapirones, such as buspirone, are also used to treat moderate anxiety. The azapirones, however, are less useful for treating severe anxiety accompanied with panic attacks.

Epilepsy is a disorder characterized by the tendency to have recurring seizures.

5 The etiology commonly consists of lesions in some part of the cortex, such as a tumor; developmental malformation; or damage due to trauma or stroke. In some cases the etiology is genetic. An epileptic seizure can be triggered by repetitive sounds, flashing lights, video games, or touching certain parts of the body. Epilepsy is typically treated with anti-seizure drugs. In epilepsy cases, where anti-seizure drugs are ineffective, and the defect in the brain
10 is isolated to a small area of the brain, surgical removal of that part of the brain can be helpful in alleviating the seizures. In patients who have several sources for the seizures or who have seizures that spread quickly to all parts of the brain, surgical removal of the nerve fibers that connect the two sides of the brain can be helpful.

Examples of drugs for treating a seizure and epilepsy include carbamazepine,
15 ethosuximide, gabapentin, lamotrigine, phenobarbital, phenytoin, primidone, valproic acid, trimethadione, benzodiazepines, γ -vinyl GABA, acetazolamide, and felbamate. Anti-seizure drugs, however, can have side effects such as drowsiness; hyperactivity; hallucinations; inability to concentrate; central and peripheral nervous system toxicity, such as nystagmus, ataxia, diplopia, and vertigo; gingival hyperplasia; gastrointestinal disturbances such as
20 nausea, vomiting, epigastric pain, and anorexia; endocrine effects such as inhibition of antidiuretic hormone, hyperglycemia, glycosuria, osteomalacia; and hypersensitivity such as scarlatiniform rash, morbilliform rash, Stevens-Johnson syndrome, systemic lupus erythematosus, and hepatic necrosis; and hematological reactions such as red-cell aplasia, agranulocytosis, thrombocytopenia, aplastic anemia, and megaloblastic anemia. *The Merck*
25 *Manual of Medical Information* 345-350 (R. Berkow ed., 1997).

A seizure is the result of abnormal electrical discharge in the brain. The discharge can involve a small area of the brain and lead to the person only noticing an odd taste or smell or it can involve a large area of the brain and lead to convulsions, *i.e.*, a seizure that causes jerking and spasms of the muscles throughout the body. Convulsions can also
30 result in brief attacks of altered consciousness and loss of consciousness, muscle control, or bladder control. A seizure is often preceded by auras, *i.e.*, unusual sensations of smell, taste,

or vision or an intense feeling that a seizure is about to begin. A seizure typically lasts for about 2 to 5 minutes. When the seizure ends the person can have headache, sore muscles, unusual sensations, confusion, and profound fatigue (postictal state). Usually the person cannot remember what happened during the seizure.

5 A stroke or cerebrovascular accident, is the death of brain tissue (cerebral infarction) resulting from the lack of blood flow and insufficient oxygen to the brain. A stroke can be either ischemic or hemorrhagic. In an ischemic stroke, blood supply to the brain is cut off because of atherosclerosis or a blood clot that has blocked a blood vessel. In a hemorrhagic stroke, a blood vessel bursts preventing normal blood flow and allowing blood
10 to leak into an area of the brain and destroying it. Most strokes develop rapidly and cause brain damage within minutes. In some cases, however, strokes can continue to worsen for several hours or days. Symptoms of strokes vary depending on what part of the brain is effected. Symptoms include loss or abnormal sensations in an arm or leg or one side of the body, weakness or paralysis of an arm or leg or one side of the body, partial loss of vision or
15 hearing, double vision, dizziness, slurred speech, difficulty in thinking of the appropriate word or saying it, inability to recognize parts of the body, unusual movements, loss of bladder control, imbalance, and falling, and fainting. The symptoms can be permanent and can be associated with coma or stupor. Strokes can cause edema or swelling of the brain which can further damage brain tissue. For persons suffering from a stroke, intensive rehabilitation can
20 help overcome the disability caused by impairment of brain tissue. Rehabilitation trains other parts of the brain to assume the tasks previously performed by the damaged part.

 Examples of drugs for treating strokes include anticoagulants such as heparin, drugs that break up clots such as streptokinase or tissue plasminogen activator, and drugs that reduce swelling such as mannitol or corticosteroids. *The Merck Manual of Medical*
25 *Information* 352-355 (R. Berkow ed., 1997).

 Pruritus is an unpleasant sensation that prompts scratching. Pruritus can be attributed to dry skin, scabies, dermatitis, herpetiformis, atopic dermatitis, *pruritus vulvae et ani*, miliaria, insect bites, pediculosis, contact dermatitis, drug reactions, urticaria, urticarial eruptions of pregnancy, psoriasis, lichen planus, lichen simplex chronicus, exfoliative
30 dermatitis, folliculitis, bullous pemphigoid, and fiberglass dermatitis. Conventionally,

pruritus is treated by phototherapy with ultraviolet B or PUVA or with therapeutic agents such as naltrexone, nalmefene, danazol, tricyclics, and antidepressants.

Selective antagonists of the metabotropic glutamate receptor 5 ("mGluR5") have been shown to exert analgesic activity in *in vivo* animal models (K. Walker *et al.*, *Neuropharmacology* 40:1-9 (2000) and A. Dogrul *et al.*, *Neuroscience Letters*, 292(2):115-118 (2000)).

Selective antagonists of the mGluR5 receptor have also been shown to exert anxiolytic and anti-depressant activity in *in vivo* animal models (E. Tatarczynska *et al.*, *Br. J. Pharmacol.* 132(7):1423-1430 (2001) and P.J.M. Will *et al.*, *Trends in Pharmacological Sciences* 22(7):331-37 (2001)).

Selective antagonists of the mGluR5 receptor have also been shown to exert anti-Parkinson activity *in vivo* (K. J. Ossowska *et al.*, *Neuropharmacology* 41(4):413-20 (2001) and P.J.M. Will *et al.*, *Trends in Pharmacological Sciences* 22(7):331-37 (2001)).

Selective antagonists of the mGluR5 receptor have also been shown to exert anti-dependence activity *in vivo* (C. Chiamulera *et al.*, *Nature Neuroscience* 4(9):873-74 (2001)).

U.S. Patent No. 6,150,129 to Cook *et al.* describes a class of dinitrogen heterocycles useful as antibiotics.

U.S. Patent No. 5,529,998 to Habich *et al.* describes a class of benzooxazolyl- and benzothiazolylloxazolidones useful as antibacterials.

International publication no. WO 01/57008 describes a class of 2-benzothiazolyl urea derivatives useful as inhibitors of serine/threonine and tyrosine kinases.

International publication no. WO 02/08221 describes aryl piperazine compounds useful for treating chronic and acute pain conditions, itch, and urinary incontinence.

International publication no. WO 99/37304 describes substituted oxoazaheterocyclic compounds useful for inhibiting factor Xa.

International publication no. WO 00/59510 describes aminopyrimidines useful as sorbitol dehydrogenase inhibitors.

Japanese patent application no. 11-199573 to Kiyoshi *et al.* describes benzothiazole derivatives that are neuronal 5HT3 receptor agonists in the intestinal canal nervous system and useful for treating digestive disorders and pancreatic insufficiency.

German patent application no 199 34 799 to Rainer *et al.* describes a chiral-smectic liquid crystal mixture containing compounds with 2 linked (hetero)aromatic rings or compounds with 3 linked (hetero)aromatic rings.

M. Chu-Moyer *et al.*, *J. Med. Chem.* **45**:511-528 (2002) describes heterocycle-substituted piperazino-pyrimidines useful as sorbitol dehydrogenase inhibitors.

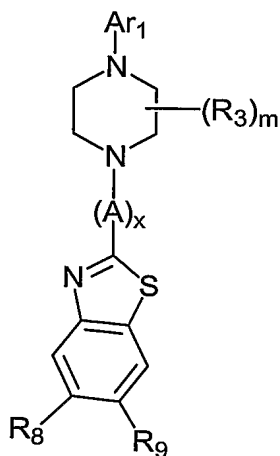
B.G. Khadse *et al.*, *Bull. Haff. Instt.* **1**(3):27-32 (1975) describes 2-(N⁴-substituted-N¹-piperaziny) pyrido(3,2-d)thiazoles and 5-nitro-2-(N⁴-substituted-N¹-piperaziny)benzthiazoles useful as anthelmintic agents.

There remains, however, a clear need in the art for new drugs useful for treating or preventing pain, UI, an ulcer, IBD, IBS, an addictive disorder, Parkinson's disease, parkinsonism, anxiety, epilepsy, stroke, a seizure, a pruritic condition, psychosis, a cognitive disorder, a memory deficit, restricted brain function, Huntington's chorea, ALS, dementia, retinopathy, a muscle spasm, a migraine, vomiting, dyskinesia, or depression.

Citation of any reference in Section 2 of this application is not to be construed as an admission that such reference is prior art to the present application.

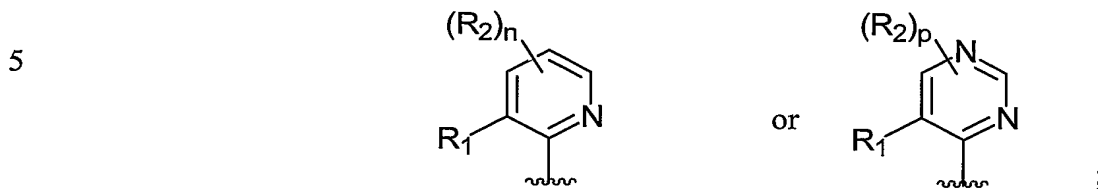
3. SUMMARY OF THE INVENTION

The present invention encompasses compounds having the formula (Ia):

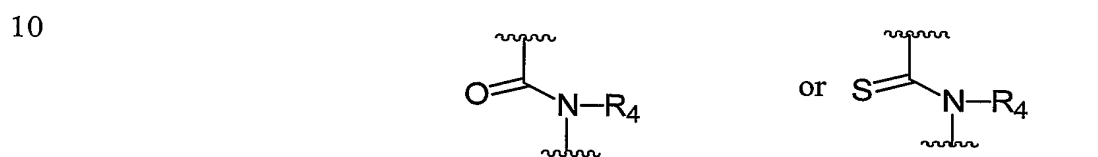


(Ia)

and pharmaceutically acceptable salts thereof, wherein

Ar₁ is

A is



15 R₁ is -Cl, -Br, -I, -(C₁-C₆)alkyl, -NO₂, -CN, -OH, -OCH₃, -NH₂, -C(halo)₃,
-CH(halo)₂, or -CH₂(halo);

each R² is independently:(a) -halo, -CN, -OH, -O(C₁-C₆)alkyl, -NO₂, or -NH₂;

20 (b) -(C₁-C₁₀)alkyl, -(C₂-C₁₀)alkenyl, -(C₂-C₁₀)alkynyl, -(C₃-
C₁₀)cycloalkyl, -(C₈-C₁₄)bicycloalkyl, -(C₈-C₁₄)tricycloalkyl, -(C₅-C₁₀)cycloalkenyl, -(C₈-
C₁₄)bicycloalkenyl, -(C₈-C₁₄)tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-
membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more
R₅ groups; or

25 (c) -phenyl, -naphthyl, -(C₁₄)aryl, or -(5- to 10-
membered)heteroaryl, each of which is unsubstituted or substituted with one or more R₆
groups;

each R₃ is independently:(a) -halo, -CN, -OH, -O(C₁-C₆)alkyl, -NO₂, or -NH₂;

30 (b) -(C₁-C₁₀)alkyl, -(C₂-C₁₀)alkenyl, -(C₂-C₁₀)alkynyl, -(C₃-
C₁₀)cycloalkyl, -(C₈-C₁₄)bicycloalkyl, -(C₈-C₁₄)tricycloalkyl, -(C₅-C₁₀)cycloalkenyl, -(C₈-

C₁₄)bicycloalkenyl, -(C₈-C₁₄)tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R₅ groups; or

(c) -phenyl, -naphthyl, -(C₁₄)aryl or -(5- to 10-
5 membered)heteroaryl, each of which is unsubstituted or substituted with one or more R₆ groups;

R₄ is -H or -(C₁-C₆)alkyl;

each R₅ is independently -CN, -OH, -halo, -N₃, -NO₂, -N(R₇)₂, -CH=NR₇,
-NR₇OH, -OR₇, -COR₇, -C(O)OR₇, -OC(O)R₇, -OC(O)OR₇, -SR₇, -S(O)R₇, or -S(O)₂R₇;

10 each R₆ is independently -(C₁-C₆)alkyl, -(C₂-C₆)alkenyl, -(C₂-C₆)alkynyl,
-(C₃-C₈)cycloalkyl, -(C₅-C₈)cycloalkenyl, -phenyl, -(C₃-C₅)heterocycle, -C(halo)₃,
-CH(halo)₂, -CH₂(halo), -CN, -OH, -halo, -N₃, -NO₂, -N(R₇)₂, -CH=NR₇, -NR₇OH, -OR₇,
-COR₇, -C(O)OR₇, -OC(O)R₇, -OC(O)OR₇, -SR₇, -S(O)R₇, or -S(O)₂R₇;

each R₇ is independently -H, -(C₁-C₆)alkyl, -(C₂-C₆)alkenyl, -(C₂-C₆)alkynyl,
15 -(C₃-C₈)cycloalkyl, -(C₅-C₈)cycloalkenyl, -phenyl, -(C₃-C₅)heterocycle, -C(halo)₃,
-CH₂(halo), or -CH(halo)₂;

R₈ and R₉ are each independently -H, -(C₁-C₆)alkyl, -(C₂-C₆)alkenyl,
-(C₂-C₆)alkynyl, -(C₃-C₈)cycloalkyl, -(C₅-C₈)cycloalkenyl, -phenyl, -C(halo)₃, -CH(halo)₂,
-CH₂(halo), -OC(halo)₃, -OCH(halo)₂, -OCH₂(halo), -CN, -OH, -halo, -N₃, -N(R₇)₂,
20 -CH=NR₇, -NR₇OH, -OR₇, -COR₇, -C(O)OR₇, -OC(O)R₇, -OC(O)OR₇, -SR₇, -S(O)R₇, or
-S(O)₂R₇;

each -halo is -F, -Cl, -Br, or -I;

n is an integer ranging from 0 to 3;

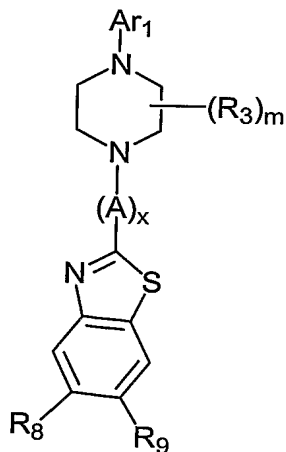
p is an integer ranging from 0 to 2;

25 m is 0 or 1; and

x is 0 or 1.

The present invention encompasses compounds having the formula (Ib):

5



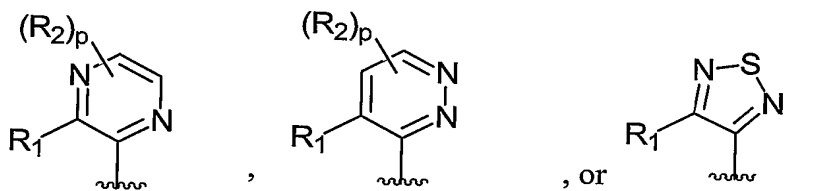
10

(Ib)

and pharmaceutically acceptable salts thereof, wherein

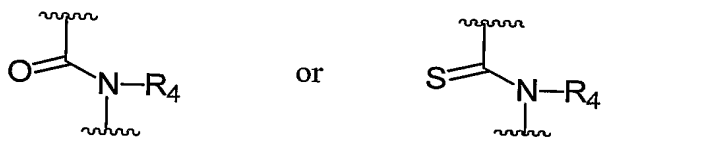
Ar_1 is

15



A is

20



R_1 is -H, -halo, $-(C_1-C_6)alkyl$, $-NO_2$, $-CN$, $-OH$, $-OCH_3$, $-NH_2$, $-C(halo)_3$, $-CH(halo)_2$, or $-CH_2(halo)$;

25

each R^2 is independently:

(a) -halo, $-CN$, $-OH$, $-O(C_1-C_6)alkyl$, $-NO_2$, or $-NH_2$;

(b) $-(C_1-C_{10})alkyl$, $-(C_2-C_{10})alkenyl$, $-(C_2-C_{10})alkynyl$, $-(C_3-$

$C_{10})cycloalkyl$, $-(C_8-C_{14})bicycloalkyl$, $-(C_8-C_{14})tricycloalkyl$, $-(C_5-C_{10})cycloalkenyl$, $-(C_8-$

$C_{14})bicycloalkenyl$, $-(C_8-C_{14})tricycloalkenyl$, $-(3- to 7-membered)heterocycle$, or $-(7- to 10-$

30 $membered)bicycloheterocycle$, each of which is unsubstituted or substituted with one or more R_5 groups; or

(c) -phenyl, -naphthyl, -(C₁₄)aryl, or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more R₆ groups;

each R₃ is independently:

- 5 (a) -halo, -CN, -OH, -O(C₁-C₆)alkyl, -NO₂, or -NH₂;
 (b) -(C₁-C₁₀)alkyl, -(C₂-C₁₀)alkenyl, -(C₂-C₁₀)alkynyl, -(C₃-C₁₀)cycloalkyl, -(C₈-C₁₄)bicycloalkyl, -(C₈-C₁₄)tricycloalkyl, -(C₅-C₁₀)cycloalkenyl, -(C₈-C₁₄)bicycloalkenyl, -(C₈-C₁₄)tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more
 10 R₅ groups; or

(c) -phenyl, -naphthyl, -(C₁₄)aryl or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more R₆ groups;

R₄ is -H or -(C₁-C₆)alkyl;

- 15 each R₅ is independently -CN, -OH, -halo, -N₃, -NO₂, -N(R₇)₂, -CH=NR₇, -NR₇OH, -OR₇, -COR₇, -C(O)OR₇, -OC(O)R₇, -OC(O)OR₇, -SR₇, -S(O)R₇, or -S(O)₂R₇;
 each R₆ is independently -(C₁-C₆)alkyl, -(C₂-C₆)alkenyl, -(C₂-C₆)alkynyl, -(C₃-C₈)cycloalkyl, -(C₅-C₈)cycloalkenyl, -phenyl, -(C₃-C₅)heterocycle, -C(halo)₃, -CH(halo)₂, -CH₂(halo), -CN, -OH, -halo, -N₃, -NO₂, -N(R₇)₂, -CH=NR₇, -NR₇OH, -OR₇,
 20 -COR₇, -C(O)OR₇, -OC(O)R₇, -OC(O)OR₇, -SR₇, -S(O)R₇, or -S(O)₂R₇;

each R₇ is independently -H, -(C₁-C₆)alkyl, -(C₂-C₆)alkenyl, -(C₂-C₆)alkynyl, -(C₃-C₈)cycloalkyl, -(C₅-C₈)cycloalkenyl, -phenyl, -(C₃-C₅)heterocycle, -C(halo)₃, -CH₂(halo), or -CH(halo)₂;

- R₈ and R₉ are each independently -H, -(C₁-C₆)alkyl, -(C₂-C₆)alkenyl,
 25 -(C₂-C₆)alkynyl, -(C₃-C₈)cycloalkyl, -(C₅-C₈)cycloalkenyl, -phenyl, -C(halo)₃, -CH(halo)₂, -CH₂(halo), -OC(halo)₃, -OCH(halo)₂, -OCH₂(halo), -CN, -OH, -halo, -N₃, -N(R₇)₂, -CH=NR₇, -NR₇OH, -OR₇, -COR₇, -C(O)OR₇, -OC(O)R₇, -OC(O)OR₇, -SR₇, -S(O)R₇, or -S(O)₂R₇;

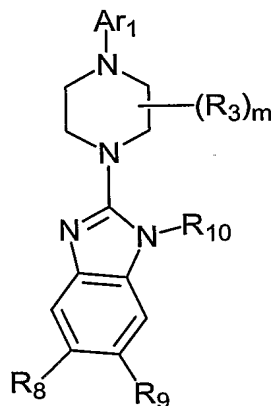
each -halo is -F, -Cl, -Br, or -I;

- 30 p is an integer ranging from 0 to 2;

m is 0 or 1; and

x is 0 or 1.

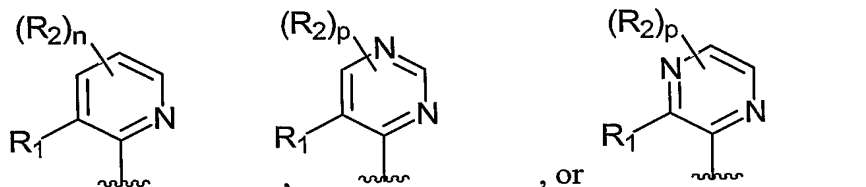
The present invention encompasses compounds having the formula (IIa):



(IIa)

and pharmaceutically acceptable salts thereof, wherein

Ar_1 is



R_1 is -Cl, -Br, -I, $-(C_1-C_6)alkyl$, $-NO_2$, -CN, -OH, $-OCH_3$, $-NH_2$, $-C(halo)_3$, $-CH(halo)_2$, or $-CH_2(halo)$;

each R^2 is independently:

(a) -halo, -CN, -OH, $-O(C_1-C_6)alkyl$, $-NO_2$, or $-NH_2$;

(b) $-(C_1-C_{10})alkyl$, $-(C_2-C_{10})alkenyl$, $-(C_2-C_{10})alkynyl$, $-(C_3-$

$C_{10})cycloalkyl$, $-(C_8-C_{14})bicycloalkyl$, $-(C_8-C_{14})tricycloalkyl$, $-(C_5-C_{10})cycloalkenyl$, $-(C_8-C_{14})bicycloalkenyl$, $-(C_8-C_{14})tricycloalkenyl$, $-(3- \text{ to } 7\text{-membered})heterocycle$, or $-(7- \text{ to } 10\text{-membered})bicycloheterocycle$, each of which is unsubstituted or substituted with one or more R_5 groups; or

(c) -phenyl, -naphthyl, -(C₁₄)aryl, or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more R₆ groups;

each R₃ is independently:

- 5 (a) -halo, -CN, -OH, -O(C₁-C₆)alkyl, -NO₂, or -NH₂;
 (b) -(C₁-C₁₀)alkyl, -(C₂-C₁₀)alkenyl, -(C₂-C₁₀)alkynyl, -(C₃-C₁₀)cycloalkyl, -(C₈-C₁₄)bicycloalkyl, -(C₈-C₁₄)tricycloalkyl, -(C₅-C₁₀)cycloalkenyl, -(C₈-C₁₄)bicycloalkenyl, -(C₈-C₁₄)tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more
 10 R₅ groups; or

(c) -phenyl, -naphthyl, -(C₁₄)aryl or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more R₆ groups;

- each R₅ is independently -CN, -OH, -halo, -N₃, -NO₂, -N(R₇)₂, -CH=NR₇,
 15 -NR₇OH, -OR₇, -COR₇, -C(O)OR₇, -OC(O)R₇, -OC(O)OR₇, -SR₇, -S(O)R₇, or -S(O)₂R₇;

each R₆ is independently -(C₁-C₆)alkyl, -(C₂-C₆)alkenyl, -(C₂-C₆)alkynyl, -(C₃-C₈)cycloalkyl, -(C₅-C₈)cycloalkenyl, -phenyl, -(C₃-C₅)heterocycle, -C(halo)₃, -CH(halo)₂, -CH₂(halo), -CN, -OH, -halo, -N₃, -NO₂, -N(R₇)₂, -CH=NR₇, -NR₇OH, -OR₇, -COR₇, -C(O)OR₇, -OC(O)R₇, -OC(O)OR₇, -SR₇, -S(O)R₇, or -S(O)₂R₇;

- 20 each R₇ is independently -H, -(C₁-C₆)alkyl, -(C₂-C₆)alkenyl, -(C₂-C₆)alkynyl, -(C₃-C₈)cycloalkyl, -(C₅-C₈)cycloalkenyl, -phenyl, -(C₃-C₅)heterocycle, -C(halo)₃, -CH₂(halo), or -CH(halo)₂;

- R₈ and R₉ are each independently -H, -(C₁-C₆)alkyl, -(C₂-C₆)alkenyl, -(C₂-C₆)alkynyl, -(C₃-C₈)cycloalkyl, -(C₅-C₈)cycloalkenyl, -phenyl, -C(halo)₃, -CH(halo)₂,
 25 -CH₂(halo), -OC(halo)₃, -OCH(halo)₂, -OCH₂(halo), -CN, -OH, -halo, -N₃, -N(R₇)₂, -CH=NR₇, -NR₇OH, -OR₇, -COR₇, -C(O)OR₇, -OC(O)R₇, -OC(O)OR₇, -SR₇, -S(O)R₇, or -S(O)₂R₇;

R₁₀ is -H or -(C₁-C₄)alkyl;

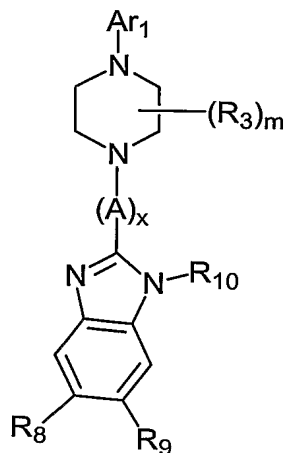
each -halo is -F, -Cl, -Br, or -I;

n is an integer ranging from 0 to 3;

- 30 p is an integer ranging from 0 to 2; and

m is 0 or 1.

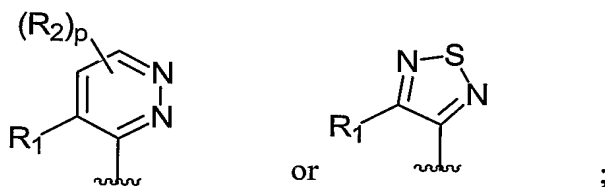
The present invention encompasses compounds having the formula (IIb):



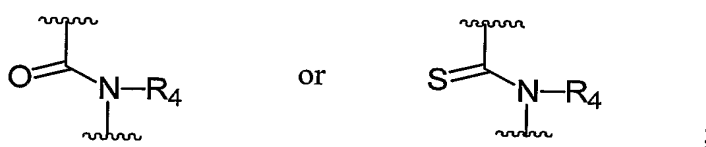
(IIb)

and pharmaceutically acceptable salts thereof, wherein

Ar₁ is



A is



R₁ is -H, -halo, -(C₁-C₆)alkyl, -NO₂, -CN, -OH, -OCH₃, -NH₂, -C(halo)₃,
-CH(halo)₂, or -CH₂(halo);

each R² is independently:

(a) -halo, -CN, -OH, -O(C₁-C₆)alkyl, -NO₂, or -NH₂;

(b) -(C₁-C₁₀)alkyl, -(C₂-C₁₀)alkenyl, -(C₂-C₁₀)alkynyl, -(C₃-
C₁₀)cycloalkyl, -(C₈-C₁₄)bicycloalkyl, -(C₈-C₁₄)tricycloalkyl, -(C₅-C₁₀)cycloalkenyl, -(C₈-
C₁₄)bicycloalkenyl, -(C₈-C₁₄)tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-

membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R₅ groups; or

(c) -phenyl, -naphthyl, -(C₁₄)aryl, or -(5- to 10-

membered)heteroaryl, each of which is unsubstituted or substituted with one or more R₆

5 groups;

each R₃ is independently:

(a) -halo, -CN, -OH, -O(C₁-C₆)alkyl, -NO₂, or -NH₂;

(b) -(C₁-C₁₀)alkyl, -(C₂-C₁₀)alkenyl, -(C₂-C₁₀)alkynyl, -(C₃-

C₁₀)cycloalkyl, -(C₈-C₁₄)bicycloalkyl, -(C₈-C₁₄)tricycloalkyl, -(C₅-C₁₀)cycloalkenyl, -(C₈-

10 C₁₄)bicycloalkenyl, -(C₈-C₁₄)tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-

membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more

R₅ groups; or

(c) -phenyl, -naphthyl, -(C₁₄)aryl or -(5- to 10-

membered)heteroaryl, each of which is unsubstituted or substituted with one or more R₆

15 groups;

R₄ is -H or -(C₁-C₆)alkyl;

each R₅ is independently -CN, -OH, -halo, -N₃, -NO₂, -N(R₇)₂, -CH=NR₇,

-NR₇OH, -OR₇, -COR₇, -C(O)OR₇, -OC(O)R₇, -OC(O)OR₇, -SR₇, -S(O)R₇, or -S(O)₂R₇;

each R₆ is independently -(C₁-C₆)alkyl, -(C₂-C₆)alkenyl, -(C₂-C₆)alkynyl,

20 -(C₃-C₈)cycloalkyl, -(C₅-C₈)cycloalkenyl, -phenyl, -(C₃-C₅)heterocycle, -C(halo)₃,

-CH(halo)₂, -CH₂(halo), -CN, -OH, -halo, -N₃, -NO₂, -N(R₇)₂, -CH=NR₇, -NR₇OH, -OR₇,

-COR₇, -C(O)OR₇, -OC(O)R₇, -OC(O)OR₇, -SR₇, -S(O)R₇, or -S(O)₂R₇;

each R₇ is independently -H, -(C₁-C₆)alkyl, -(C₂-C₆)alkenyl, -(C₂-C₆)alkynyl,

-(C₃-C₈)cycloalkyl, -(C₅-C₈)cycloalkenyl, -phenyl, -(C₃-C₅)heterocycle, -C(halo)₃,

25 -CH₂(halo), or -CH(halo)₂;

R₈ and R₉ are each independently -H, -(C₁-C₆)alkyl, -(C₂-C₆)alkenyl,

-(C₂-C₆)alkynyl, -(C₃-C₈)cycloalkyl, -(C₅-C₈)cycloalkenyl, -phenyl, -C(halo)₃, -CH(halo)₂,

-CH₂(halo), -OC(halo)₃, -OCH(halo)₂, -OCH₂(halo), -CN, -OH, -halo, -N₃, -N(R₇)₂,

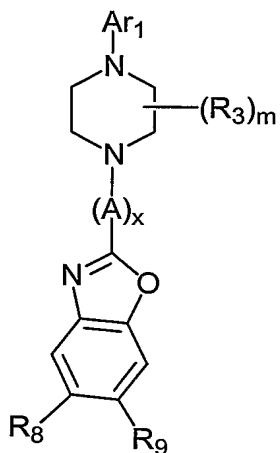
-CH=NR₇, -NR₇OH, -OR₇, -COR₇, -C(O)OR₇, -OC(O)R₇, -OC(O)OR₇, -SR₇, -S(O)R₇, or

30 -S(O)₂R₇;

R₁₀ is -H or -(C₁-C₄)alkyl;

each -halo is -F, -Cl, -Br, or -I;
 p is an integer ranging from 0 to 2;
 m is 0 or 1; and
 x is 0 or 1.

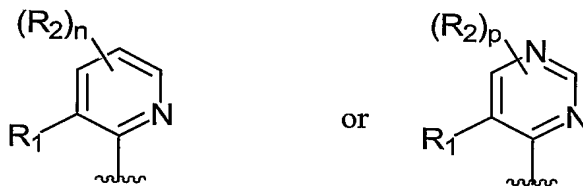
The present invention encompasses compounds having the formula (IIIa):



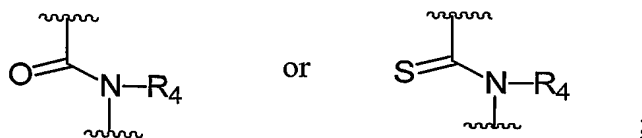
(IIIa)

and pharmaceutically acceptable salts thereof, wherein

Ar_1 is



A is



R_1 is -Cl, -Br, -I, $-(C_1-C_6)alkyl$, $-NO_2$, -CN, -OH, $-OCH_3$, $-NH_2$, $-C(halo)_3$, $-CH(halo)_2$, or $-CH_2(halo)$;

each R^2 is independently:

(a) -halo, -CN, -OH, $-O(C_1-C_6)alkyl$, $-NO_2$, or $-NH_2$;

(b) $-(C_1-C_{10})$ alkyl, $-(C_2-C_{10})$ alkenyl, $-(C_2-C_{10})$ alkynyl, $-(C_3-C_{10})$ cycloalkyl, $-(C_8-C_{14})$ bicycloalkyl, $-(C_8-C_{14})$ tricycloalkyl, $-(C_5-C_{10})$ cycloalkenyl, $-(C_8-C_{14})$ bicycloalkenyl, $-(C_8-C_{14})$ tricycloalkenyl, (3- to 7-membered)heterocycle, or (7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more

5 R_5 groups; or

(c) -phenyl, -naphthyl, $-(C_{14})$ aryl, or (5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more R_6 groups;

each R_3 is independently:

10 (a) -halo, -CN, -OH, $-O(C_1-C_6)$ alkyl, $-NO_2$, or $-NH_2$;

(b) $-(C_1-C_{10})$ alkyl, $-(C_2-C_{10})$ alkenyl, $-(C_2-C_{10})$ alkynyl, $-(C_3-C_{10})$ cycloalkyl, $-(C_8-C_{14})$ bicycloalkyl, $-(C_8-C_{14})$ tricycloalkyl, $-(C_5-C_{10})$ cycloalkenyl, $-(C_8-C_{14})$ bicycloalkenyl, $-(C_8-C_{14})$ tricycloalkenyl, (3- to 7-membered)heterocycle, or (7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more

15 R_5 groups; or

(c) -phenyl, -naphthyl, $-(C_{14})$ aryl or (5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more R_6 groups;

R_4 is -H or $-(C_1-C_6)$ alkyl;

20 each R_5 is independently -CN, -OH, -halo, $-N_3$, $-NO_2$, $-N(R_7)_2$, $-CH=NR_7$, $-NR_7OH$, $-OR_7$, $-COR_7$, $-C(O)OR_7$, $-OC(O)R_7$, $-OC(O)OR_7$, $-SR_7$, $-S(O)R_7$, or $-S(O)_2R_7$;

each R_6 is independently $-(C_1-C_6)$ alkyl, $-(C_2-C_6)$ alkenyl, $-(C_2-C_6)$ alkynyl, $-(C_3-C_8)$ cycloalkyl, $-(C_5-C_8)$ cycloalkenyl, -phenyl, $-(C_3-C_5)$ heterocycle, $-C(halo)_3$, $-CH(halo)_2$, $-CH_2(halo)$, -CN, -OH, -halo, $-N_3$, $-NO_2$, $-N(R_7)_2$, $-CH=NR_7$, $-NR_7OH$, $-OR_7$,
25 $-COR_7$, $-C(O)OR_7$, $-OC(O)R_7$, $-OC(O)OR_7$, $-SR_7$, $-S(O)R_7$, or $-S(O)_2R_7$;

each R_7 is independently -H, $-(C_1-C_6)$ alkyl, $-(C_2-C_6)$ alkenyl, $-(C_2-C_6)$ alkynyl, $-(C_3-C_8)$ cycloalkyl, $-(C_5-C_8)$ cycloalkenyl, -phenyl, $-(C_3-C_5)$ heterocycle, $-C(halo)_3$, $-CH_2(halo)$, or $-CH(halo)_2$;

R_8 and R_9 are each independently -H, $-(C_1-C_6)$ alkyl, $-(C_2-C_6)$ alkenyl,
30 $-(C_2-C_6)$ alkynyl, $-(C_3-C_8)$ cycloalkyl, $-(C_5-C_8)$ cycloalkenyl, -phenyl, $-C(halo)_3$, $-CH(halo)_2$,

-CH₂(halo), -OC(halo)₃, -OCH(halo)₂, -OCH₂(halo), -CN, -OH, -halo, -N₃, -N(R₇)₂,
 -CH=NR₇, -NR₇OH, -OR₇, -COR₇, -C(O)OR₇, -OC(O)R₇, -OC(O)OR₇, -SR₇, -S(O)R₇, or
 -S(O)₂R₇;

each -halo is -F, -Cl, -Br, or -I;

5 n is an integer ranging from 0 to 3;

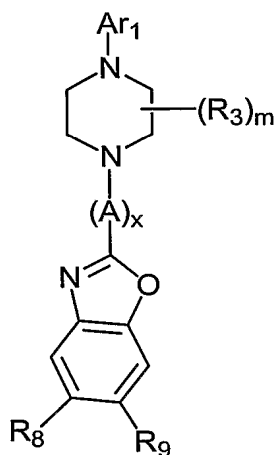
p is an integer ranging from 0 to 2;

m is 0 or 1; and

x is 0 or 1.

The present invention encompasses compounds having the formula (IIIb):

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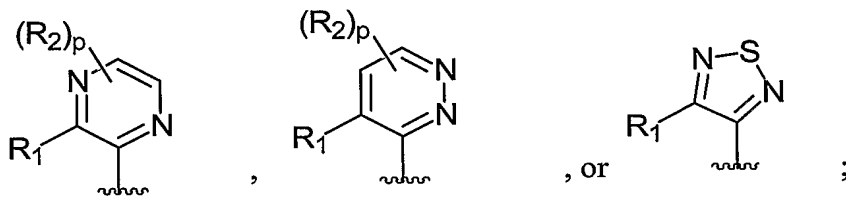
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(IIIb)

and pharmaceutically acceptable salts thereof, wherein

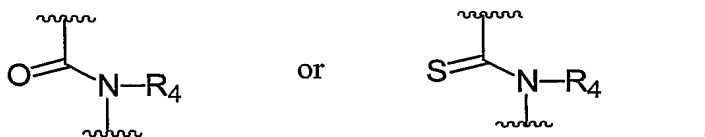
Ar₁ is

25



A is

30



R_1 is -H, -halo, $-(C_1-C_6)alkyl$, $-NO_2$, $-CN$, $-OH$, $-OCH_3$, $-NH_2$, $-C(halo)_3$, $-CH(halo)_2$, or $-CH_2(halo)$;

each R^2 is independently:

(a) -halo, $-CN$, $-OH$, $-O(C_1-C_6)alkyl$, $-NO_2$, or $-NH_2$;

5 (b) $-(C_1-C_{10})alkyl$, $-(C_2-C_{10})alkenyl$, $-(C_2-C_{10})alkynyl$, $-(C_3-C_{10})cycloalkyl$, $-(C_8-C_{14})bicycloalkyl$, $-(C_8-C_{14})tricycloalkyl$, $-(C_5-C_{10})cycloalkenyl$, $-(C_8-C_{14})bicycloalkenyl$, $-(C_8-C_{14})tricycloalkenyl$, or $-(7\text{ to }10\text{-membered})bicycloheterocycle$, each of which is unsubstituted or substituted with one or more R_5 groups; or

(c) -phenyl, -naphthyl, or $-(C_{14})aryl$ each of which is unsubstituted
10 or substituted with one or more R_6 groups;

each R_3 is independently:

(a) -halo, $-CN$, $-OH$, $-O(C_1-C_6)alkyl$, $-NO_2$, or $-NH_2$;

(b) $-(C_1-C_{10})alkyl$, $-(C_2-C_{10})alkenyl$, $-(C_2-C_{10})alkynyl$, $-(C_3-C_{10})cycloalkyl$, $-(C_8-C_{14})bicycloalkyl$, $-(C_8-C_{14})tricycloalkyl$, $-(C_5-C_{10})cycloalkenyl$, $-(C_8-C_{14})bicycloalkenyl$, $-(C_8-C_{14})tricycloalkenyl$, $-(3\text{ to }7\text{-membered})heterocycle$, or $-(7\text{ to }10\text{-membered})bicycloheterocycle$, each of which is unsubstituted or substituted with one or more
15 R_5 groups; or

(c) -phenyl, -naphthyl, $-(C_{14})aryl$ or $-(5\text{ to }10\text{-membered})heteroaryl$, each of which is unsubstituted or substituted with one or more R_6
20 groups;

R_4 is -H or $-(C_1-C_6)alkyl$;

each R_5 is independently $-CN$, $-OH$, -halo, $-N_3$, $-NO_2$, $-N(R_7)_2$, $-CH=NR_7$, $-NR_7OH$, $-OR_7$, $-COR_7$, $-C(O)OR_7$, $-OC(O)R_7$, $-OC(O)OR_7$, $-SR_7$, $-S(O)R_7$, or $-S(O)_2R_7$;

each R_6 is independently $-(C_1-C_6)alkyl$, $-(C_2-C_6)alkenyl$, $-(C_2-C_6)alkynyl$,
25 $-(C_3-C_8)cycloalkyl$, $-(C_5-C_8)cycloalkenyl$, -phenyl, $-(C_3-C_5)heterocycle$, $-C(halo)_3$, $-CH(halo)_2$, $-CH_2(halo)$, $-CN$, $-OH$, -halo, $-N_3$, $-NO_2$, $-N(R_7)_2$, $-CH=NR_7$, $-NR_7OH$, $-OR_7$, $-COR_7$, $-C(O)OR_7$, $-OC(O)R_7$, $-OC(O)OR_7$, $-SR_7$, $-S(O)R_7$, or $-S(O)_2R_7$;

each R_7 is independently -H, $-(C_1-C_6)alkyl$, $-(C_2-C_6)alkenyl$, $-(C_2-C_6)alkynyl$,
30 $-(C_3-C_8)cycloalkyl$, $-(C_5-C_8)cycloalkenyl$, -phenyl, $-(C_3-C_5)heterocycle$, $-C(halo)_3$, $-CH_2(halo)$, or $-CH(halo)_2$;

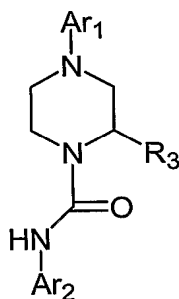
R_8 and R_9 are each independently -H, $-(C_1-C_6)alkyl$, $-(C_2-C_6)alkenyl$,

-(C₂-C₆)alkynyl, -(C₃-C₈)cycloalkyl, -(C₅-C₈)cycloalkenyl, -phenyl, -C(halo)₃, -CH(halo)₂, -CH₂(halo), -OC(halo)₃, -OCH(halo)₂, -OCH₂(halo), -CN, -OH, -halo, -N₃, -N(R₇)₂, -CH=NR₇, -NR₇OH, -OR₇, -COR₇, -C(O)OR₇, -OC(O)R₇, -OC(O)OR₇, -SR₇, -S(O)R₇, or -S(O)₂R₇;

- 5 each -halo is -F, -Cl, -Br, or -I;
 p is an integer ranging from 0 to 2;
 m is 0 or 1; and
 x is 0 or 1.

The present invention also encompasses compounds having the formula (IVa):

10



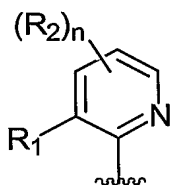
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(IVa)

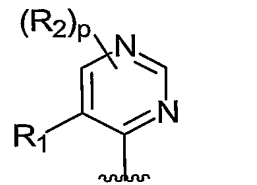
and pharmaceutically acceptable salts thereof, wherein

Ar₁ is

20



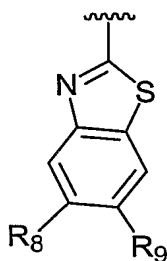
or



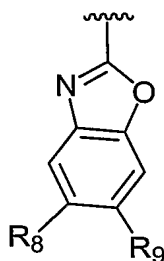
;

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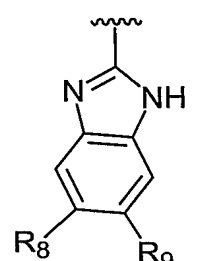
Ar₂ is



,



, or



;

30

R₁ is -halo, -(C₁-C₆)alkyl, -NO₂, -CN, -OH, -OCH₃, -NH₂, -C(halo)₃, -CH(halo)₂, or -CH₂(halo);

each R² is independently:

5 (a) -halo, -CN, -OH, -O(C₁-C₆)alkyl, -NO₂, or -NH₂;

(b) -(C₁-C₁₀)alkyl, -(C₂-C₁₀)alkenyl, -(C₂-C₁₀)alkynyl, -(C₃-C₁₀)cycloalkyl, -(C₈-C₁₄)bicycloalkyl, -(C₈-C₁₄)tricycloalkyl, -(C₅-C₁₀)cycloalkenyl, -(C₈-C₁₄)bicycloalkenyl, -(C₈-C₁₄)tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more

10 R₅ groups; or

(c) -phenyl, -naphthyl, -(C₁₄)aryl, or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more R₆ groups;

R₃ is -H or -CH₃:

15 each R₅ is independently -CN, -OH, -halo, -N₃, -NO₂, -N(R₇)₂, -CH=NR₇, -NR₇OH, -OR₇, -COR₇, -C(O)OR₇, -OC(O)R₇, -OC(O)OR₇, -SR₇, -S(O)R₇, or -S(O)₂R₇;

each R₆ is independently -(C₁-C₆)alkyl, -(C₂-C₆)alkenyl, -(C₂-C₆)alkynyl, -(C₃-C₈)cycloalkyl, -(C₅-C₈)cycloalkenyl, -phenyl, -(C₃-C₅)heterocycle, -C(halo)₃, -CH(halo)₂, -CH₂(halo), -CN, -OH, -halo, -N₃, -NO₂, -N(R₇)₂, -CH=NR₇, -NR₇OH, -OR₇, -COR₇, -C(O)OR₇, -OC(O)R₇, -OC(O)OR₇, -SR₇, -S(O)R₇, or -S(O)₂R₇;

20 each R₇ is independently -H, -(C₁-C₆)alkyl, -(C₂-C₆)alkenyl, -(C₂-C₆)alkynyl, -(C₃-C₈)cycloalkyl, -(C₅-C₈)cycloalkenyl, -phenyl, -(C₃-C₅)heterocycle, -C(halo)₃, -CH₂(halo), or -CH(halo)₂;

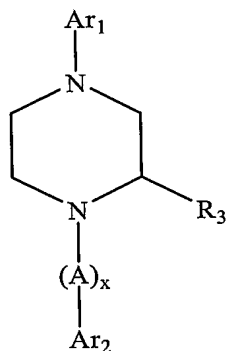
R₈ and R₉ are each independently -H, -(C₁-C₆)alkyl, -(C₂-C₆)alkenyl, 25 -(C₂-C₆)alkynyl, -(C₃-C₈)cycloalkyl, -(C₅-C₈)cycloalkenyl, -phenyl, -C(halo)₃, -CH(halo)₂, -CH₂(halo), -OC(halo)₃, -OCH(halo)₂, -OCH₂(halo), -CN, -OH, -halo, -N₃, -N(R₇)₂, -CH=NR₇, -NR₇OH, -OR₇, -COR₇, -C(O)OR₇, -OC(O)R₇, -OC(O)OR₇, -SR₇, -S(O)R₇, or -S(O)₂R₇;

each -halo is -F, -Cl, -Br, or -I;

30 n is an integer ranging from 0 to 3; and

p is an integer ranging from 0 to 2.

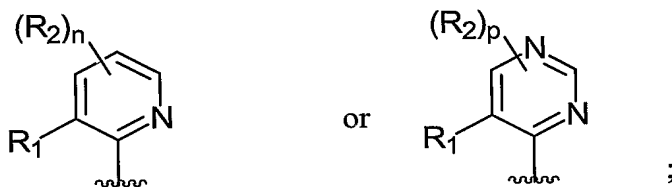
The present invention also encompasses compounds having the formula (IVb):



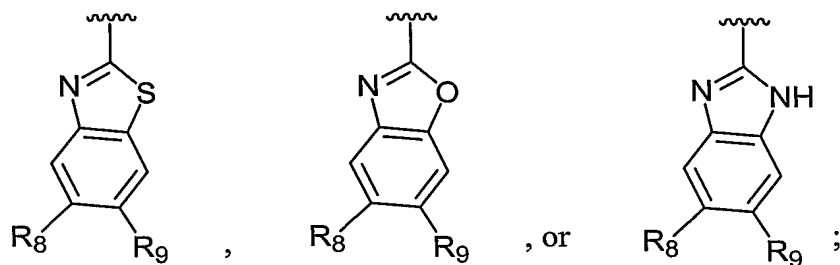
(IVb)

and pharmaceutically acceptable salts thereof, wherein

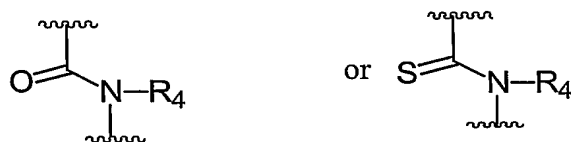
Ar₁ is



Ar₂ is



A is



R₁ is -halo, -(C₁-C₆)alkyl, -NO₂, -CN, -OH, -OCH₃, -NH₂, -C(halo)₃,

-CH(halo)₂, or -CH₂(halo);

each R² is independently:

(a) -halo, -CN, -OH, -O(C₁-C₆)alkyl, -NO₂, or -NH₂;

(b) -(C₁-C₁₀)alkyl, -(C₂-C₁₀)alkenyl, -(C₂-C₁₀)alkynyl, -(C₃-C₁₀)cycloalkyl, -(C₈-C₁₄)bicycloalkyl, -(C₈-C₁₄)tricycloalkyl, -(C₅-C₁₀)cycloalkenyl, -(C₈-C₁₄)bicycloalkenyl, -(C₈-C₁₄)tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R₅ groups; or

(c) -phenyl, -naphthyl, -(C₁₄)aryl, or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more R₆ groups;

R₃ is -CH₃;

R₄ is -H or -(C₁-C₆)alkyl;

each R₅ is independently -CN, -OH, -halo, -N₃, -NO₂, -N(R₇)₂, -CH=NR₇, -NR₇OH, -OR₇, -COR₇, -C(O)OR₇, -OC(O)R₇, -OC(O)OR₇, -SR₇, -S(O)R₇, or -S(O)₂R₇;

each R₆ is independently -(C₁-C₆)alkyl, -(C₂-C₆)alkenyl, -(C₂-C₆)alkynyl, -(C₃-C₈)cycloalkyl, -(C₅-C₈)cycloalkenyl, -phenyl, -(C₃-C₅)heterocycle, -C(halo)₃, -CH(halo)₂, -CH₂(halo), -CN, -OH, -halo, -N₃, -NO₂, -N(R₇)₂, -CH=NR₇, -NR₇OH, -OR₇, -COR₇, -C(O)OR₇, -OC(O)R₇, -OC(O)OR₇, -SR₇, -S(O)R₇, or -S(O)₂R₇;

each R₇ is independently -H, -(C₁-C₆)alkyl, -(C₂-C₆)alkenyl, -(C₂-C₆)alkynyl, -(C₃-C₈)cycloalkyl, -(C₅-C₈)cycloalkenyl, -phenyl, -(C₃-C₅)heterocycle, -C(halo)₃, -CH₂(halo), or -CH(halo)₂;

R₈ and R₉ are each independently -H, -(C₁-C₆)alkyl, -(C₂-C₆)alkenyl, -(C₂-C₆)alkynyl, -(C₃-C₈)cycloalkyl, -(C₅-C₈)cycloalkenyl, -phenyl, -C(halo)₃, -CH(halo)₂, -CH₂(halo), -OC(halo)₃, -OCH(halo)₂, -OCH₂(halo), -CN, -OH, -halo, -N₃, -N(R₇)₂, -CH=NR₇, -NR₇OH, -OR₇, -COR₇, -C(O)OR₇, -OC(O)R₇, -OC(O)OR₇, -SR₇, -S(O)R₇, or -S(O)₂R₇;

each -halo is -F, -Cl, -Br, or -I;

n is an integer ranging from 0 to 3;

p is an integer ranging from 0 to 2; and

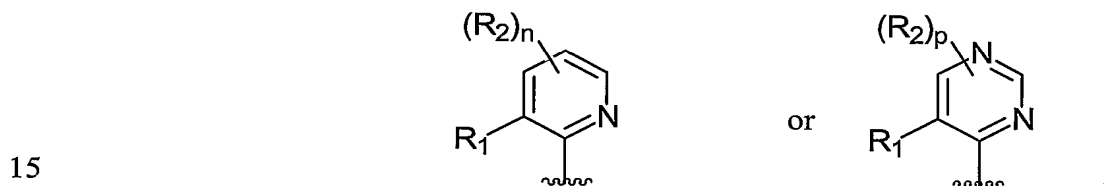
x is 0 or 1.

The present invention also encompasses compounds having the formula (V):

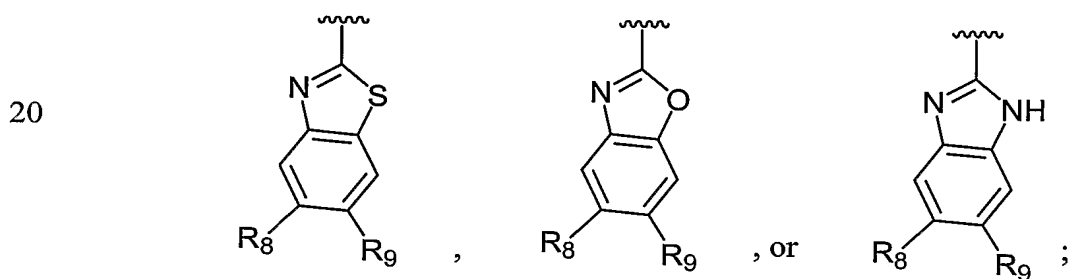


10 and pharmaceutically acceptable salts thereof, wherein

Ar₁ is



Ar₂ is



R₁ is -halo, -(C₁-C₆)alkyl, -NO₂, -CN, -OH, -OCH₃, -NH₂, -C(halo)₃,
 25 -CH(halo)₂, or -CH₂(halo);

each R² is independently:

- (a) -halo, -CN, -OH, -O(C₁-C₆)alkyl, -NO₂, or -NH₂;
 - (b) -(C₁-C₁₀)alkyl, -(C₂-C₁₀)alkenyl, -(C₂-C₁₀)alkynyl, -(C₃-C₁₀)cycloalkyl, -(C₈-C₁₄)bicycloalkyl, -(C₈-C₁₄)tricycloalkyl, -(C₅-C₁₀)cycloalkenyl, -(C₈-C₁₄)bicycloalkenyl, -(C₈-C₁₄)tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-
- 30

membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R_5 groups; or

(c) -phenyl, -naphthyl, $-(C_{14})$ aryl, or $-(5- \text{ to } 10-$

membered)heteroaryl, each of which is unsubstituted or substituted with one or more R_6

5 groups;

R_3 is $-H$ or $-CH_3$;

each R_5 is independently $-CN$, $-OH$, $-halo$, $-N_3$, $-NO_2$, $-N(R_7)_2$, $-CH=NR_7$, $-NR_7OH$, $-OR_7$, $-COR_7$, $-C(O)OR_7$, $-OC(O)R_7$, $-OC(O)OR_7$, $-SR_7$, $-S(O)R_7$, or $-S(O)_2R_7$;

each R_6 is independently $-(C_1-C_6)$ alkyl, $-(C_2-C_6)$ alkenyl, $-(C_2-C_6)$ alkynyl,
 10 $-(C_3-C_8)$ cycloalkyl, $-(C_5-C_8)$ cycloalkenyl, -phenyl, $-(C_3-C_5)$ heterocycle, $-C(halo)_3$,
 $-CH(halo)_2$, $-CH_2(halo)$, $-CN$, $-OH$, $-halo$, $-N_3$, $-NO_2$, $-N(R_7)_2$, $-CH=NR_7$, $-NR_7OH$, $-OR_7$,
 $-COR_7$, $-C(O)OR_7$, $-OC(O)R_7$, $-OC(O)OR_7$, $-SR_7$, $-S(O)R_7$, or $-S(O)_2R_7$;
 each R_7 is independently $-H$, $-(C_1-C_6)$ alkyl, $-(C_2-C_6)$ alkenyl, $-(C_2-C_6)$ alkynyl,
 $-(C_3-C_8)$ cycloalkyl, $-(C_5-C_8)$ cycloalkenyl, -phenyl, $-(C_3-C_5)$ heterocycle, $-C(halo)_3$,
 15 $-CH_2(halo)$, or $-CH(halo)_2$;

R_8 and R_9 are each independently $-H$, $-(C_1-C_6)$ alkyl, $-(C_2-C_6)$ alkenyl,
 $-(C_2-C_6)$ alkynyl, $-(C_3-C_8)$ cycloalkyl, $-(C_5-C_8)$ cycloalkenyl, -phenyl, $-C(halo)_3$, $-CH(halo)_2$,
 $-CH_2(halo)$, $-OC(halo)_3$, $-OCH(halo)_2$, $-OCH_2(halo)$, $-CN$, $-OH$, $-halo$, $-N_3$, $-N(R_7)_2$,
 $-CH=NR_7$, $-NR_7OH$, $-OR_7$, $-COR_7$, $-C(O)OR_7$, $-OC(O)R_7$, $-OC(O)OR_7$, $-SR_7$, $-S(O)R_7$, or
 20 $-S(O)_2R_7$;

each $-halo$ is $-F$, $-Cl$, $-Br$, or $-I$;

n is an integer ranging from 0 to 3; and

p is an integer ranging from 0 to 2.

A compound of formula (Ia), (Ib), (IIa), (IIb), (IIIa), (IIIb), (IVa), (IVb), and
 25 (V) or a pharmaceutically acceptable salt thereof (a "Benzoazolyloxy piperazine Compound") is
 useful for treating or preventing pain, UI, an ulcer, IBD, IBS, an addictive disorder,
 Parkinson's disease, parkinsonism, anxiety, epilepsy, stroke, a seizure, a pruritic condition,
 psychosis, a cognitive disorder, a memory deficit, restricted brain function, Huntington's
 chorea, ALS, dementia, retinopathy, a muscle spasm, a migraine, vomiting, dyskinesia, or
 30 depression in an animal.

The invention also relates to compositions comprising an effective amount of a Benzoazolyloperazine Compound and a pharmaceutically acceptable carrier or excipient. The compositions are useful for treating or preventing pain, UI, an ulcer, IBD, IBS, an addictive disorder, Parkinson's disease, parkinsonism, anxiety, epilepsy, stroke, a seizure, a pruritic condition, psychosis, a cognitive disorder, a memory deficit, restricted brain function, Huntington's chorea, ALS, dementia, retinopathy, a muscle spasm, a migraine, vomiting, dyskinesia, or depression in an animal.

The invention further relates to methods for treating pain, UI, an ulcer, IBD, IBS, an addictive disorder, Parkinson's disease, parkinsonism, anxiety, epilepsy, stroke, a seizure, a pruritic condition, psychosis, a cognitive disorder, a memory deficit, restricted brain function, Huntington's chorea, ALS, dementia, retinopathy, a muscle spasm, a migraine, vomiting, dyskinesia, or depression comprising administering to an animal in need thereof an effective amount of a Benzoazolyloperazine Compound.

The invention further relates to methods for preventing pain, UI, an ulcer, IBD, IBS, an addictive disorder, Parkinson's disease, parkinsonism, anxiety, epilepsy, stroke, a seizure, a pruritic condition, psychosis, a cognitive disorder, a memory deficit, restricted brain function, Huntington's chorea, ALS, dementia, retinopathy, a muscle spasm, a migraine, vomiting, dyskinesia, or depression comprising administering to an animal in need thereof an effective amount of a Benzoazolyloperazine Compound.

The invention still further relates to methods for inhibiting Vanilloid Receptor 1 ("VR1") function in a cell, comprising contacting a cell capable of expressing VR1 with an effective amount of a Benzoazolyloperazine Compound.

The invention still further relates to methods for inhibiting mGluR5 function in a cell, comprising contacting a cell capable of expressing mGluR5 with an effective amount of a Benzoazolyloperazine Compound.

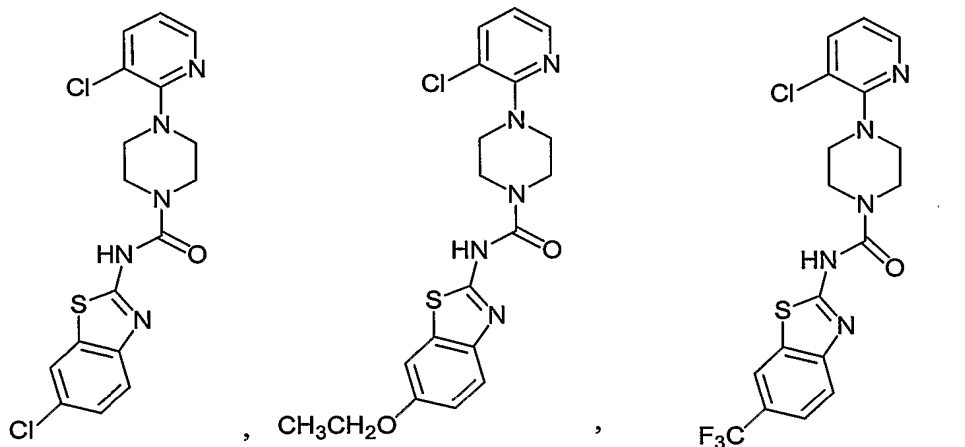
The invention still further relates to methods for inhibiting metabotropic glutamate receptor 1 ("mGluR1") function in a cell, comprising contacting a cell capable of expressing mGluR1 with an effective amount of a Benzoazolyloperazine Compound.

The invention still further relates to a method for preparing a composition comprising the step of admixing a Benzoazolyloperazine Compound and a pharmaceutically acceptable carrier or excipient.

The invention still further relates to a kit comprising a container containing an effective amount of a Benzoazolylopyperazine Compound.

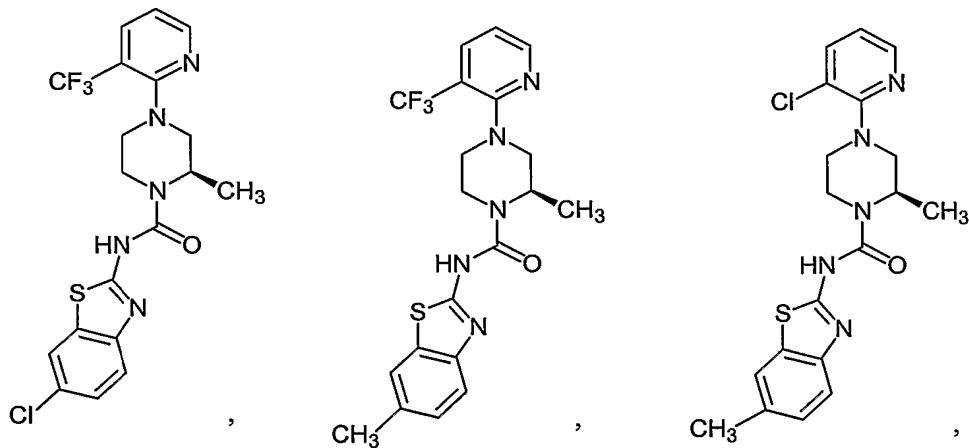
The present invention still further relates to a compound selected from the group consisting of

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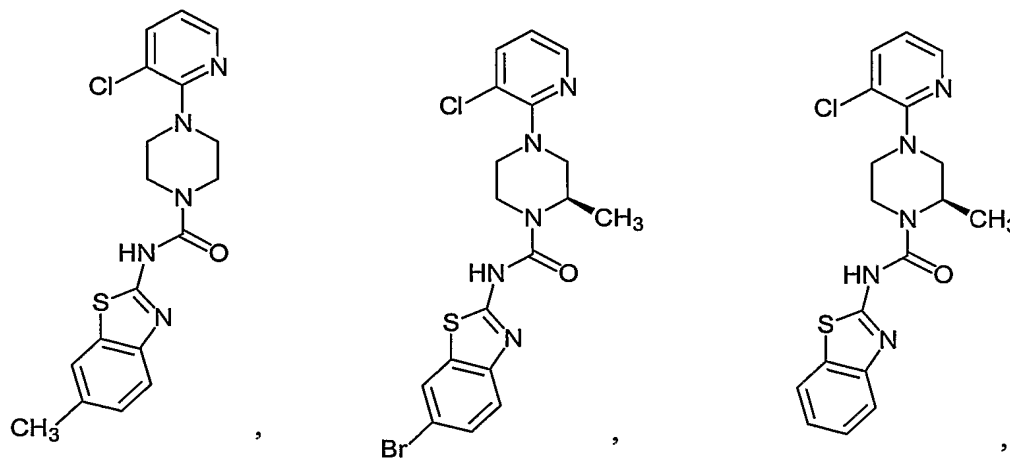
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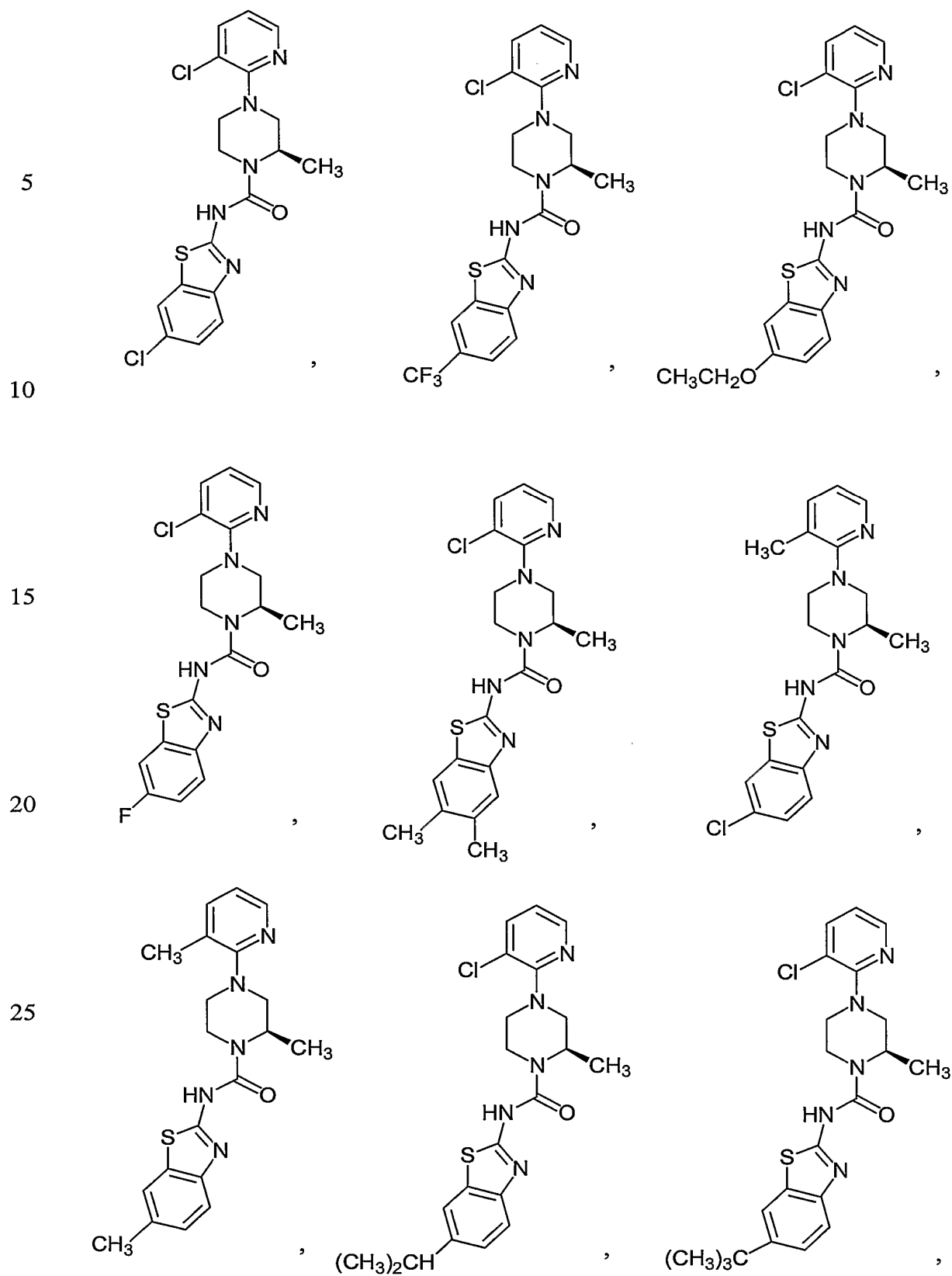


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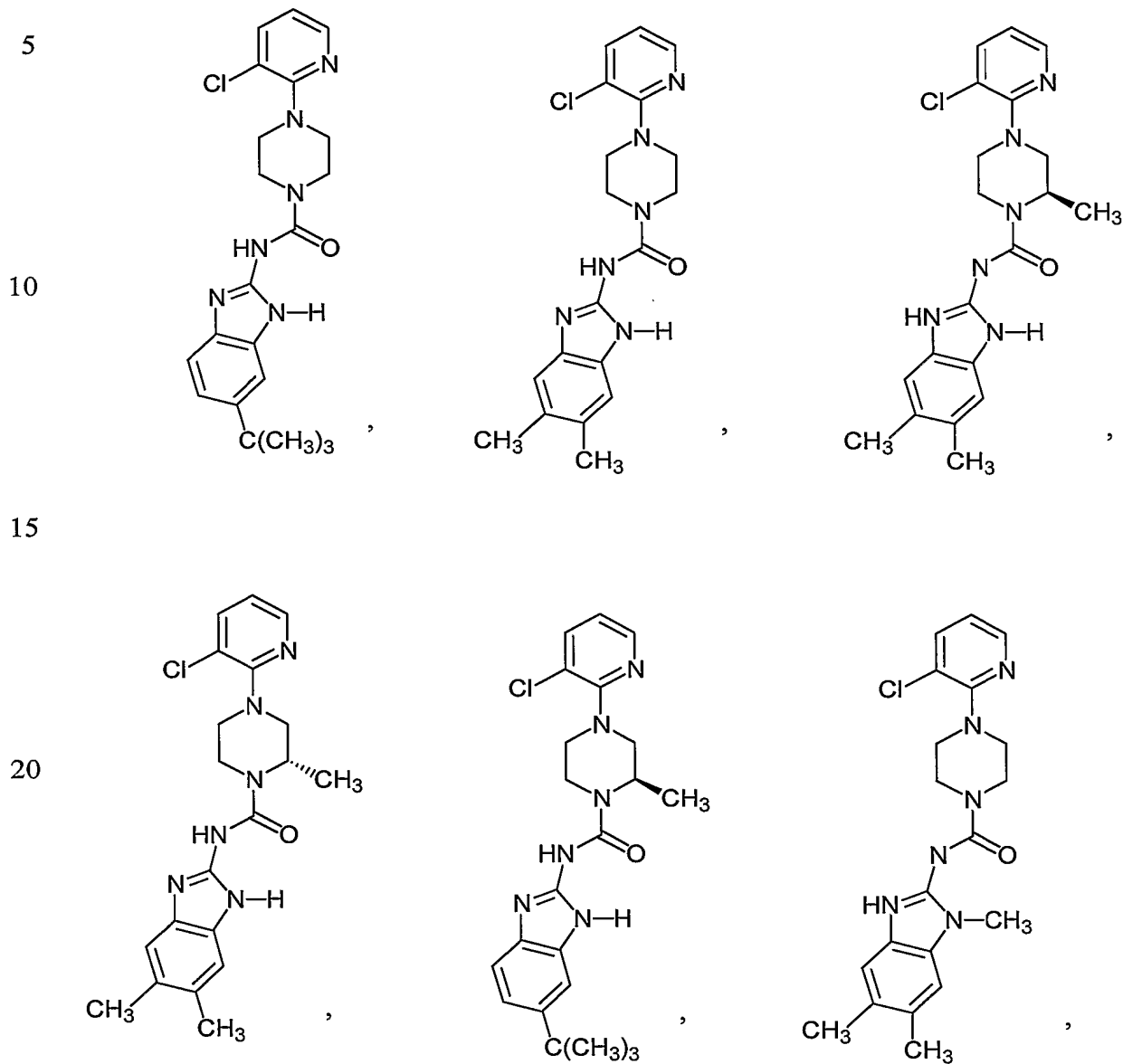


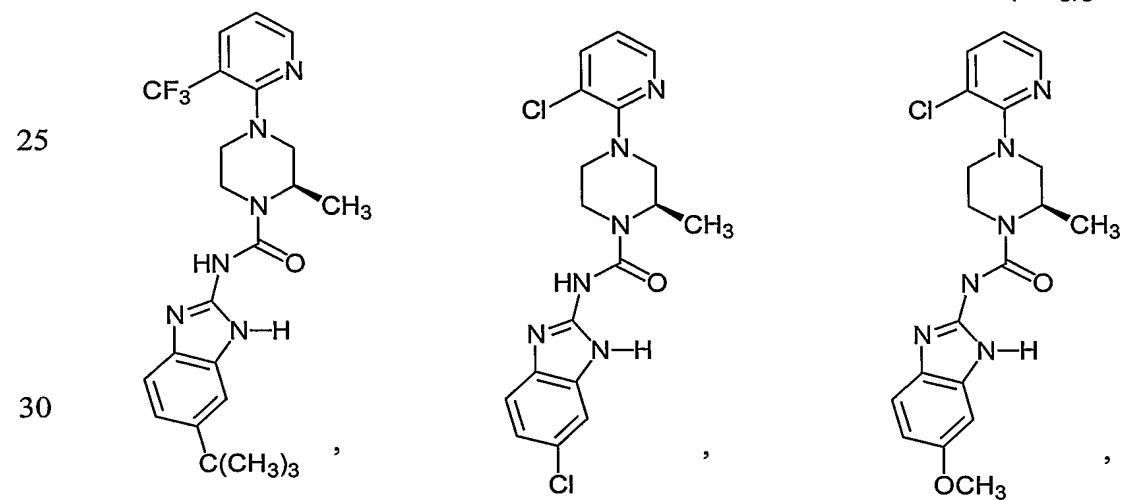
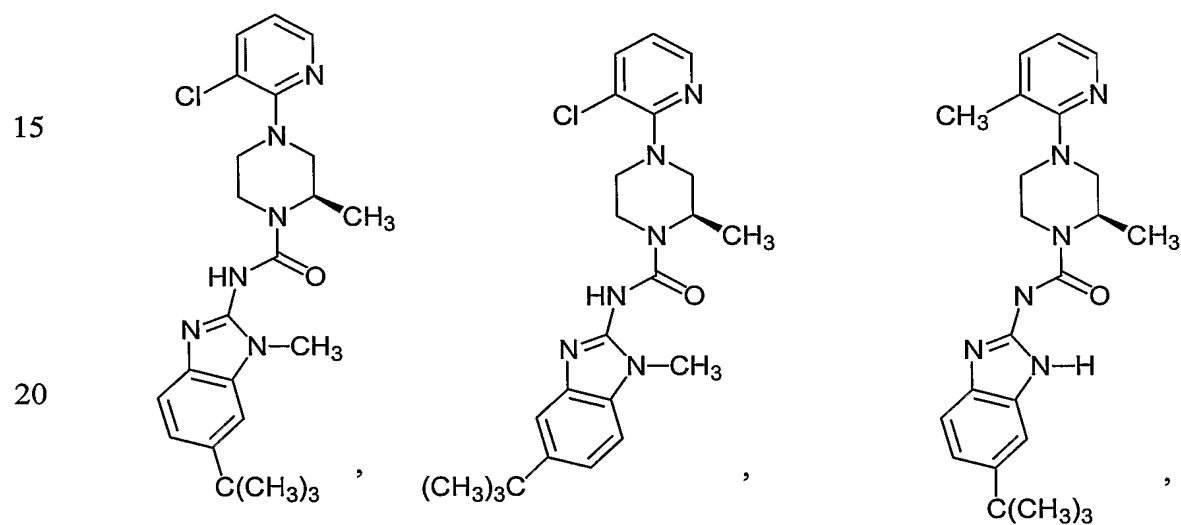
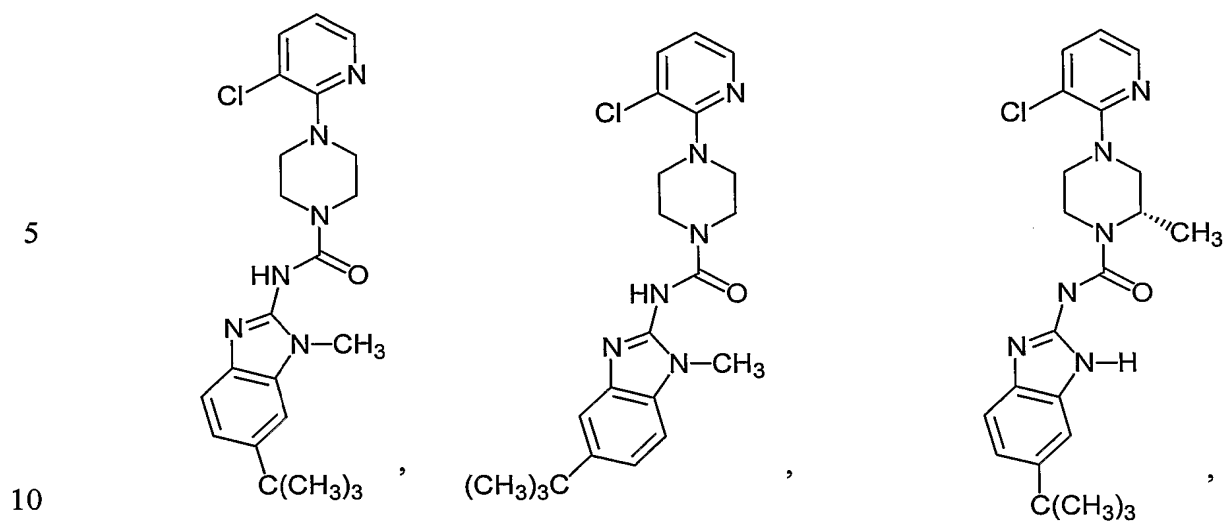
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and pharmaceutically acceptable salts thereof.

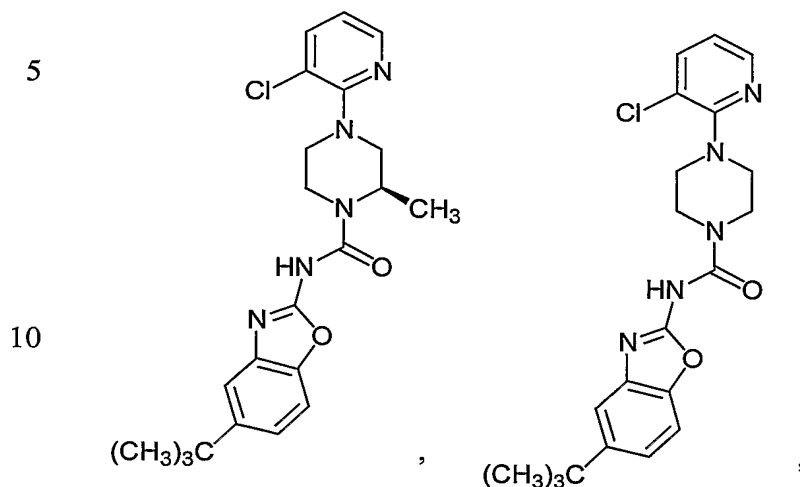
The present invention still further relates to a compound selected from the group consisting of





and pharmaceutically acceptable salts thereof.

The present invention still further relates to a compound selected from the group consisting of



and pharmaceutically acceptable salts thereof.

15 The present invention can be understood more fully by reference to the following detailed description and illustrative examples, which are intended to exemplify non-limiting embodiments of the invention.

4. DETAILED DESCRIPTION OF THE INVENTION

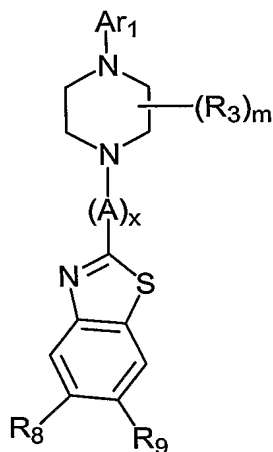
4.1 The Compounds of Formula (Ia)

As stated above, the present invention encompasses compounds of Formula

(Ia)

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(Ia)

15 and pharmaceutically acceptable salts thereof, where Ar₁, R₃, R₈, R₉, A, x, and m, are defined above for the Benzoazolylpiperazine Compounds of formula (Ia).

In one embodiment, Ar₁ is a pyridyl group.

In another embodiment, Ar₁ is a pyrimidinyl group.

In another embodiment, x is 1 and A is -C(O)-N(R₄)-.

20

In another embodiment, x is 1 and A is -C(S)-N(R₄)-.

In another embodiment x is 0.

In another embodiment, n or p is 0.

In another embodiment, n or p is 1.

In another embodiment, m is 0.

25

In another embodiment, m is 1.

In another embodiment, R₄ is -H.

In another embodiment, R₄ is -(C₁-C₆)alkyl.

In another embodiment, Ar₁ is a pyridyl group, x is 1, and A is -C(O)N(R₄)-.

In another embodiment, Ar₁ is a pyridyl group, x is 1, and A is -C(S)N(R₄)-.

30

In another embodiment, Ar₁ is a pyrimidinyl group, x is 1, and A is -

C(O)N(R₄)-.

In another embodiment, Ar₁ is a pyrimidinyl group, x is 1, and A is -C(S)N(R₄)-.

In another embodiment, R₁ is -Cl.

In another embodiment, R₁ is -Br.

5 In another embodiment, R₁ is -I.

In another embodiment, R₁ is -(C₁-C₆)alkyl.

In another embodiment, R₁ is -CH₃.

In another embodiment, R₁ is -NO₂.

In another embodiment, R₁ is -CN.

10 In another embodiment, R₁ is -OH.

In another embodiment, R₁ is -OCH₃.

In another embodiment, R₁ is -NH₂.

In another embodiment, R₁ is -C(halo)₃.

In another embodiment, R₁ is -CH(halo)₂.

15 In another embodiment, R₁ is -CH₂(halo).

In another embodiment, n and p are 1 and R₂ is -halo, -CN, -OH, -O(C₁-C₆)alkyl, -NO₂, or -NH₂.

In another embodiment, n and p are 1 and R₂ is -(C₁-C₁₀)alkyl, -(C₂-C₁₀)alkenyl, -(C₂-C₁₀)alkynyl, -(C₃-C₁₀)cycloalkyl, -(C₈-C₁₄)bicycloalkyl, -(C₈-

20 C₁₄)tricycloalkyl, -(C₅-C₁₀)cycloalkenyl, -(C₈-C₁₄)bicycloalkenyl, -(C₈-C₁₄)tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R₅ groups.

In another embodiment, n and p are 1 and R₂ is -phenyl, -naphthyl, -(C₁₄)aryl, or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or
25 more R₆ groups;

In another embodiment, m is 1 and R₃ is -halo, -CN, -OH, -O(C₁-C₆)alkyl, -NO₂, or -NH₂.

In another embodiment, m is 1 and R₃ is -(C₁-C₁₀)alkyl, -(C₂-C₁₀)alkenyl, -(C₂-C₁₀)alkynyl, -(C₃-C₁₀)cycloalkyl, -(C₈-C₁₄)bicycloalkyl, -(C₈-C₁₄)tricycloalkyl, -(C₅-
30 C₁₀)cycloalkenyl, -(C₈-C₁₄)bicycloalkenyl, -(C₈-C₁₄)tricycloalkenyl, -(3- to 7-

membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R_5 groups.

In another embodiment, m is 1 and R_3 is -phenyl, -naphthyl, $-(C_{14})$ aryl or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more R_6 groups.

In another embodiment, R_8 and R_9 are each independently -H, -halo, $-(C_1-C_6)$ alkyl, $-O(C_1-C_6)$ alkyl, $-C(halo)_3$, $-CH(halo)_2$, or $-CH_2(halo)$.

In another embodiment, at least one of R_8 and R_9 is -H.

In another embodiment, n , p , and m are 0; R_1 is -Cl, -Br, or, -I; x is 1; A is $-C(O)-N(R_4)-$; R_4 is -H; and R_8 and R_9 are -H.

In another embodiment, n , p , and m are 0; R_1 is -Cl, x is 1, A is $-C(O)-N(R_4)-$, R_4 is -H, and R_8 and R_9 are -H.

In another embodiment, n , p , and m are 0; R_1 is -Cl, -Br, or -I; x is 1; A is $-C(O)-N(R_4)-$; R_4 is -H; R_8 is -H; and R_9 is -halo. In another embodiment, R_1 is -Cl. In another embodiment, R_9 is -Cl. In another embodiment, R_9 is -Br. In another embodiment, R_9 is -F.

In another embodiment, n , p , and m are 0; R_1 is -Cl, x is 1, A is $-C(O)-N(R_4)-$, R_4 is -H, R_8 is -H, and R_9 is -halo. In another embodiment, R_1 is -Cl. In another embodiment, R_9 is -Cl. In another embodiment, R_9 is -Br. In another embodiment, R_9 is -F.

In another embodiment, n , p , and m are 0; R_1 is -Cl, -Br, or -I; x is 1; A is $-C(O)-N(R_4)-$; R_4 is -H; R_8 is -halo; and R_9 is -H. In another embodiment, R_1 is -Cl. In another embodiment, R_8 is -Cl. In another embodiment, R_8 is -Br. In another embodiment, R_8 is -F.

In another embodiment, n , p , and m are 0; R_1 is -Cl, x is 1, A is $-C(O)-N(R_4)-$, R_4 is -H, R_8 is -halo, and R_9 is -H. In another embodiment, R_1 is -Cl. In another embodiment, R_8 is -Cl. In another embodiment, R_8 is -Br. In another embodiment, R_8 is -F.

In another embodiment, n , p , and m are 0; R_1 is -Cl, -Br, or -I; x is 1; A is $-C(O)-N(R_4)-$; R_4 is -H; R_8 is -H; and R_9 is $-CH_3$.

In another embodiment, n , p , and m are 0; R_1 is -Cl, x is 1, A is $-C(O)-N(R_4)-$, R_4 is -H, R_8 is -H, and R_9 is $-CH_3$.

In another embodiment, n , p , and m are 0; R_1 is -Cl, -Br, or -I; x is 1; A is

-C(O)-N(R₄)-; R₄ is -H; R₈ is -CH₃; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CH₃, and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; x is 1; A is
5 -C(O)-N(R₄)-; R₄ is -H; R₈ is -H; and R₉ is -CF₃.

In another embodiment, n, p, and m are 0; R₁ is -Cl, x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -H; and R₉ is -CF₃.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -CF₃; and R₉ is -H.

10 In another embodiment, n, p, and m are 0; R₁ is -Cl, x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -CF₃; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -H; and R₉ is -OCH₂CH₃.

In another embodiment, n, p, and m are 0; R₁ is -Cl, x is 1; A is -C(O)-N(R₄)-;
15 R₄ is -H; R₈ is -H; and R₉ is -OCH₂CH₃.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -OCH₂CH₃; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl, x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -OCH₂CH₃; and R₉ is -H.

20 In another embodiment, n, p, and m are 0; R₁ is -CH₃, x is 1; A is -C(O)-N(R₄)-; R₄ is -H; and R₈ and R₉ are -H.

In another embodiment, n, p, and m are 0; R₁ is -CH₃, x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -H; and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

25 In another embodiment, n, p, and m are 0; R₁ is -CH₃, x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -halo; and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F.

In another embodiment, n, p, and m are 0; R₁ is -CH₃, x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -H; and R₉ is -CH₃.

30 In another embodiment, n, p, and m are 0; R₁ is -CH₃, x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -CH₃; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -CH₃; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -H; and R₉ is -CF₃.

In another embodiment, n, p, and m are 0; R₁ is -CH₃; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -CF₃; and R₉ is -H.

5 In another embodiment, n, p, and m are 0; R₁ is -CH₃; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -H; and R₉ is -OCH₂CH₃.

In another embodiment, n, p, and m are 0; R₁ is -CH₃; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -OCH₂CH₃; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -CF₃; x is 1; A is
10 -C(O)-N(R₄)-; R₄ is -H; and R₈ and R₉ are -H.

In another embodiment, n, p, and m are 0; R₁ is -CF₃; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -H; and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, n, p, and m are 0; R₁ is -CF₃; x is 1; A is
15 -C(O)-N(R₄)-; R₄ is -H; R₈ is -halo; and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F.

In another embodiment, n, p, and m are 0; R₁ is -CF₃; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -H; and R₉ is -CH₃.

In another embodiment, n, p, and m are 0; R₁ is -CF₃; x is 1; A is
20 -C(O)-N(R₄)-; R₄ is -H; R₈ is -CH₃; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -CF₃; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -H; and R₉ is -CF₃.

In another embodiment, n, p, and m are 0; R₁ is -CF₃; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -CF₃; and R₉ is -H.

25 In another embodiment, n, p, and m are 0; R₁ is -CF₃; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -H; and R₉ is -OCH₂CH₃.

In another embodiment, n, p, and m are 0; R₁ is -CF₃; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -OCH₂CH₃; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; x is 1; A is
30 -C(O)-N(R₄)-; R₄ is -H; R₈ is *tert*-butyl; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl, x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is *-tert*-butyl; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -H; and R₉ is *-tert*-butyl.

5 In another embodiment, n, p, and m are 0; R₁ is -Cl, x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -H; and R₉ is *-tert*-butyl.

In another embodiment, n, p, and m are 0; R₁ is -CH₃; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is *-tert*-butyl; and R₉ is -H.

10 In another embodiment, n, p, and m are 0; R₁ is -CH₃; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -H; and R₉ is *-tert*-butyl.

In another embodiment, n, p, and m are 0; R₁ is -CH₃; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -CH₃; and R₉ is -CH₃.

In another embodiment, n is 0, Ar₁ is -2-(3-nitropyridyl)-, m is 0, x is 0, and R₈ and R₉ are -H.

15 In another embodiment, n is 0, Ar₁ is -2-(3-chloropyridyl)-, x is 1, A is -C(S)-N(R₄)-, m is 1, R₃ is -CH₃, R₃ is attached to the carbon atom adjacent to the nitrogen attached to the -C(SO)-N(R₄)- group, the carbon atom to which the R₃ group is attached has the R configuration, R₈ is -H, and R₉ is -CH₃.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I, x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, n and p are 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

30 In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₈ is -H; and R₉ is -halo. In another embodiment R₉ is

-Cl. In another embodiment, R_9 is -Br. In another embodiment, R_9 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

5 In another embodiment, n and p are 0, m is 1, R_1 is -Cl, x is 1, A is -C(O)-N(R_4)-, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R_4)- group, R_8 is -H, and R_9 is -halo. In another embodiment R_9 is -Cl. In another embodiment, R_9 is -Br. In another embodiment, R_9 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In
10 another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R_1 is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R_4)-; R_4 is -H; R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R_4)- group; R_8 is -halo; and R_9 is -H. In another embodiment R_8 is
15 -Cl. In another embodiment, R_8 is -Br. In another embodiment, R_8 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is -Cl, x is 1, A is -C(O)-N(R_4)-, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R_4)- group, R_8 is -halo, and R_9 is -H. In another embodiment R_8 is
20 -Cl. In another embodiment, R_8 is -Br. In another embodiment, R_8 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S
25 configuration.

In another embodiment, n and p are 0; m is 1; R_1 is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R_4)-; R_4 is -H; R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R_4)- group; R_8 is -H; and R_9 is -CH₃. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another
30 embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another
5 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another
10 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another
15 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another
20 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another
25 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another
30 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -CF₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another

5 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I, x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another

10 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another

15 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another

20 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -OCH₂CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another

25 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the

30 carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -halo. In another embodiment R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another
5 embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen
10 attached to the -C(O)-N(R₄)- group, R₈ is -halo, and R₉ is -H. In another embodiment R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

30 In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen

attached to the $-C(O)-N(R_4)-$ group, R_8 is $-CF_3$, and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is $-CH_3$, x is 1, A is $-C(O)-N(R_4)-$, R_4 is $-H$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ group, R_8 is $-H$, and R_9 is $-OCH_2CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is $-CH_3$, x is 1, A is $-C(O)-N(R_4)-$, R_4 is $-H$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ group, R_8 is $-OCH_2CH_3$, and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is $-CF_3$, x is 1, A is $-C(O)-N(R_4)-$, R_4 is $-H$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ group, and R_8 and R_9 are $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is $-CF_3$, x is 1, A is $-C(O)-N(R_4)-$, R_4 is $-H$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ group, R_8 is $-H$, and R_9 is $-halo$. In another embodiment R_9 is $-Cl$. In another embodiment, R_9 is $-Br$. In another embodiment, R_9 is $-F$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is $-CF_3$, x is 1, A is $-C(O)-N(R_4)-$, R_4 is $-H$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ group, R_8 is $-halo$, and R_9 is $-H$. In another embodiment R_8 is $-Cl$. In another embodiment, R_8 is $-Br$. In another embodiment, R_8 is $-F$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In

another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is $-CF_3$, x is 1, A is $-C(O)-N(R_4)-$, R_4 is $-H$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen
 5 attached to the $-C(O)-N(R_4)-$ group, R_8 is $-H$, and R_9 is $-CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is $-CF_3$, x is 1, A is $-C(O)-N(R_4)-$, R_4 is $-H$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen
 10 attached to the $-C(O)-N(R_4)-$ group, R_8 is $-CH_3$, and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is $-CF_3$, x is 1, A is $-C(O)-N(R_4)-$, R_4 is $-H$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen
 15 attached to the $-C(O)-N(R_4)-$ group, R_8 is $-H$, and R_9 is $-CF_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration.

In another embodiment, n and p are 0, m is 1, R_1 is $-CF_3$, x is 1, A is $-C(O)-N(R_4)-$, R_4 is $-H$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen
 20 attached to the $-C(O)-N(R_4)-$ group, R_8 is $-CF_3$, and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is $-CF_3$, x is 1, A is $-C(O)-N(R_4)-$, R_4 is $-H$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen
 25 attached to the $-C(O)-N(R_4)-$ group, R_8 is $-H$, and R_9 is $-OCH_2CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is $-CF_3$, x is 1, A is $-C(O)-N(R_4)-$, R_4 is $-H$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen
 30 attached to the $-C(O)-N(R_4)-$ group, R_8 is $-OCH_2CH_3$, and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₄ is -H; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another

5 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is *-tert*-butyl, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another

10 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₄ is -H; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another

15 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -H, and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another

20 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is *-tert*-butyl, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another

25 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -H, and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another

30 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -CH₃, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the
 5 carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or, -I; x is 0; R₄ is -H; and R₈ and R₉ are -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl, x is 0; R₄ is -H; and R₈ and R₉ are -H.

10 In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or, -I; x is 0; R₄ is -H; R₈ is -H; and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 0; R₄ is -H; R₈ is -H; and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In
 15 another embodiment, R₉ is -F.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or, -I, x is 0; R₄ is -H; R₈ is -halo; and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F.

In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 0; R₄ is -H; R₈ is -halo; and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In
 20 another embodiment, R₈ is -F.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or, -I, x is 0; R₄ is -H; R₈ is -H; and R₉ is -CH₃.

In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 0; R₄ is -H; R₈ is -H; and R₉ is -CH₃.
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In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or, -I; x is 0; R₄ is -H; R₈ is -CH₃; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 0; R₄ is -H; R₈ is -CH₃; and R₉ is -H.

30 In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or, -I; x is 0; R₄ is -H; R₈ is -H; and R₉ is -CF₃.

In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 0; R₄ is -H; R₈ is -H; and R₉ is -CF₃.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or, -I; x is 0; R₄ is -H; R₈ is -CF₃; and R₉ is -H.

5 In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 0; R₄ is -H; R₈ is -CF₃; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or, -I; x is 0; R₄ is -H; R₈ is -H; and R₉ is -OCH₂CH₃.

10 In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 0; R₄ is -H; R₈ is -H; and R₉ is -OCH₂CH₃.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or, -I; x is 0; R₄ is -H; R₈ is -OCH₂CH₃; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 0; R₄ is -H; R₈ is -OCH₂CH₃; and R₉ is -H.

15 In another embodiment, n, p, and m are 0; R₁ is -CH₃; x is 0; R₄ is -H; and R₈ and R₉ are -H.

In another embodiment, n, p, and m are 0; R₁ is -CH₃; x is 0; R₄ is -H; R₈ is -H; and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

20 In another embodiment, n, p, and m are 0; R₁ is -CH₃; x is 0; R₄ is -H; R₈ is -halo; and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F.

In another embodiment, n, p, and m are 0; R₁ is -CH₃; x is 0; R₄ is -H; R₈ is -H; and R₉ is -CH₃.

25 In another embodiment, n, p, and m are 0; R₁ is -CH₃; x is 0; R₄ is -H; R₈ is -CH₃; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -CH₃; x is 0; R₄ is -H; R₈ is -H; and R₉ is -CF₃.

30 In another embodiment, n, p, and m are 0; R₁ is -CH₃; x is 0; R₄ is -H; R₈ is -CF₃; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -CH₃; x is 0; R₄ is -H; R₈ is

-H; and R₉ is -OCH₂CH₃.

In another embodiment, n, p, and m are 0; R₁ is -CH₃; x is 0; R₄ is -H; R₈ is -OCH₂CH₃; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -CF₃; x is 0; R₄ is -H; and R₈
5 and R₉ are -H.

In another embodiment, n, p, and m are 0; R₁ is -CF₃; x is 0; R₄ is -H; R₈ is -H; and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, n, p, and m are 0; R₁ is -CF₃; x is 0; R₄ is -H; R₈ is
10 -halo; and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F.

In another embodiment, n, p, and m are 0; R₁ is -CF₃; x is 0; R₄ is -H; R₈ is -H; and R₉ is -CH₃.

In another embodiment, n, p, and m are 0; R₁ is -CF₃; x is 0; R₄ is -H; R₈ is
15 -CH₃; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -CF₃; x is 0; R₄ is -H; R₈ is -H; and R₉ is -CF₃.

In another embodiment, n, p, and m are 0; R₁ is -CF₃; x is 0; R₄ is -H; R₈ is -CF₃; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -CF₃; x is 0; R₄ is -H; R₈ is -H; and R₉ is -OCH₂CH₃.

In another embodiment, n, p, and m are 0; R₁ is -CF₃; x is 0; R₄ is -H; R₈ is -OCH₂CH₃; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or, -I; x is 0; R₄ is -H; R₈ is -*tert*-butyl; and R₉ is -H.
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In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 0; R₄ is -H; R₈ is -*tert*-butyl; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or, -I; x is 0; R₄ is -H; R₈ is -H; and R₉ is -*tert*-butyl.

In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 0; R₄ is -H; R₈ is -H; and R₉ is -*tert*-butyl.
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In another embodiment, n, p, and m are 0; R₁ is -CH₃; x is 0; R₄ is -H; R₈ is -*tert*-butyl; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -CH₃; x is 0; R₄ is -H; R₈ is -H; and R₉ is -*tert*-butyl.

5 In another embodiment, n, p, and m are 0; R₁ is -CH₃; x is 0; R₄ is -H; R₈ is -CH₃; and R₉ is -CH₃.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 0; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group; and R₈ and R₉ are -H. In another embodiment, the carbon atom to
10 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl; x is 0; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group; and R₈ and R₉ are -H. In another embodiment, the carbon atom to
15 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 0; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment R₉ is -Cl. In another
20 embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -Cl, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the
25 benzothiazolyl group, R₈ is -H, and R₉ is -halo. In another embodiment R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 0; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the
30 benzothiazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment R₈ is -Cl. In another

embodiment, R_8 is -Br. In another embodiment, R_8 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is -Cl, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_8 is -halo, and R_9 is -H. In another embodiment R_8 is -Cl. In another embodiment, R_8 is -Br. In another embodiment, R_8 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

10 In another embodiment, n and p are 0; m is 1; R_1 is -Cl, -Br, or -I; x is 0; R_4 is -H; R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group; R_8 is -H; and R_9 is -CH₃. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration.

In another embodiment, n and p are 0, m is 1, R_1 is -Cl, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_8 is -H, and R_9 is -CH₃. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration.

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In another embodiment, n and p are 0; m is 1; R_1 is -Cl, -Br, or -I; x is 0; R_4 is -H; R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group; R_8 is -CH₃; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

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In another embodiment, n and p are 0, m is 1, R_1 is -Cl, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_8 is -CH₃, and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

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In another embodiment, n and p are 0; m is 1; R_1 is -Cl, -Br, or -I; x is 0; R_4 is -H; R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group; R_8 is -H; and R_9 is -CF₃. In another embodiment, the carbon atom to

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which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is -Cl, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the
 5 benzothiazolyl group, R_8 is -H, and R_9 is -CF₃. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R_1 is -Cl, -Br, or -I; x is 0; R_4 is -H; R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the
 10 benzothiazolyl group; R_8 is -CF₃; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is -Cl, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the
 15 benzothiazolyl group, R_8 is -CF₃, and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R_1 is -Cl, -Br, or -I; x is 0; R_4 is -H; R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the
 20 benzothiazolyl group; R_8 is -H; and R_9 is -OCH₂CH₃. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is -Cl, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the
 25 benzothiazolyl group, R_8 is -H, and R_9 is -OCH₂CH₃. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R_1 is -Cl, -Br, or -I; x is 0; R_4 is -H; R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the
 30 benzothiazolyl group; R_8 is -OCH₂CH₃; and R_9 is -H. In another embodiment, the carbon

atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is -Cl, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the

5 benzothiazolyl group, R_8 is -OCH₂CH₃, and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is -CH₃, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the

10 benzothiazolyl group, and R_8 and R_9 are -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is -CH₃, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the

15 benzothiazolyl group, R_8 is -H, and R_9 is -halo. In another embodiment R_9 is -Cl. In another embodiment, R_9 is -Br. In another embodiment, R_9 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is -CH₃, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the

20 benzothiazolyl group, R_8 is -halo, and R_9 is -H. In another embodiment R_8 is -Cl. In another embodiment, R_8 is -Br. In another embodiment, R_8 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

25 In another embodiment, n and p are 0, m is 1, R_1 is -CH₃, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_8 is -H, and R_9 is -CH₃. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

30 In another embodiment, n and p are 0, m is 1, R_1 is -CH₃, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the

benzothiazolyl group, R_8 is $-\text{CH}_3$, and R_9 is $-\text{H}$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is $-\text{CH}_3$, x is 0, R_4 is $-\text{H}$, R_3 is $-\text{CH}_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_8 is $-\text{H}$, and R_9 is $-\text{CF}_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is $-\text{CH}_3$, x is 0, R_4 is $-\text{H}$, R_3 is $-\text{CH}_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_8 is $-\text{CF}_3$, and R_9 is $-\text{H}$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is $-\text{CH}_3$, x is 0, R_4 is $-\text{H}$, R_3 is $-\text{CH}_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_8 is $-\text{H}$, and R_9 is $-\text{OCH}_2\text{CH}_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is $-\text{CH}_3$, x is 0, R_4 is $-\text{H}$, R_3 is $-\text{CH}_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_8 is $-\text{OCH}_2\text{CH}_3$, and R_9 is $-\text{H}$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is $-\text{CF}_3$, x is 0, R_4 is $-\text{H}$, R_3 is $-\text{CH}_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, and R_8 and R_9 are $-\text{H}$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is $-\text{CF}_3$, x is 0, R_4 is $-\text{H}$, R_3 is $-\text{CH}_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_8 is $-\text{H}$, and R_9 is $-\text{halo}$. In another embodiment R_9 is $-\text{Cl}$. In another

embodiment, R_9 is -Br. In another embodiment, R_9 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is $-\text{CF}_3$, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_8 is -halo, and R_9 is -H. In another embodiment R_8 is -Cl. In another embodiment, R_8 is -Br. In another embodiment, R_8 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

10 In another embodiment, n and p are 0, m is 1, R_1 is $-\text{CF}_3$, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_8 is -H, and R_9 is -CH₃. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

15 In another embodiment, n and p are 0, m is 1, R_1 is $-\text{CF}_3$, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_8 is -CH₃, and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

20 In another embodiment, n and p are 0, m is 1, R_1 is $-\text{CF}_3$, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_8 is -H, and R_9 is $-\text{CF}_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

25 In another embodiment, n and p are 0, m is 1, R_1 is $-\text{CF}_3$, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_8 is $-\text{CF}_3$, and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

30 In another embodiment, n and p are 0, m is 1, R_1 is $-\text{CF}_3$, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the

benzothiazolyl group, R_8 is -H, and R_9 is $-OCH_2CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is $-CF_3$, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_8 is $-OCH_2CH_3$, and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R_1 is -Cl, -Br, or -I; x is 0; R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group; R_4 is -H; R_8 is *-tert*-butyl; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is -Cl, x is 0, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_4 is -H, R_8 is *-tert*-butyl, and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R_1 is -Cl, -Br, or -I; x is 0; R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group; R_4 is -H; R_8 is -H; and R_9 is *-tert*-butyl. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is -Cl, x is 0, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_4 is -H, R_8 is -H, and R_9 is *-tert*-butyl. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is -CH₃, x is 0, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_4 is -H, R_8 is *-tert*-butyl, and R_9 is -H. In another embodiment, the carbon atom to which the

R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group,
 5 R₄ is -H, R₈ is -H, and R₉ is *tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group,
 10 R₄ is -H, R₈ is -CH₃, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; m is 1; R₁ is -CH₃, -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₃ is -CH₃ and is attached to the carbon atom adjacent to
 15 the nitrogen attached to the -C(O)-N(R₄)- group; R₄ is -H; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0, m is 1, R₁ is -CH₃, x is
 20 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -H, and R₉ is -Cl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group; n is 0; m is 1; R₁ is -Cl, -Br, or
 25 -I; x is 1; A is -C(O)-N(R₄)-; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₄ is -H; R₈ is -H; and R₉ is -Br. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

30 In another embodiment, Ar₁ is a pyridyl group, n is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen

attached to the $-C(O)-N(R_4)-$ group, R_4 is $-H$, R_8 is $-H$, and R_9 is $-Br$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0, m is 1, R_1 is $-CH_3$, x is 1, A is $-C(O)-N(R_4)-$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ group, R_4 is $-H$, R_8 is $-H$, and R_9 is $-F$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group; p is 0; m is 1; R_1 is $-CH_3$, $-Cl$, $-Br$, or $-I$; x is 1; A is $-C(O)-N(R_4)-$; R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ group; R_4 is $-H$; R_8 is $-H$; and R_9 is $-halo$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0, m is 1, R_1 is $-CH_3$, x is 1, A is $-C(O)-N(R_4)-$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ group, R_4 is $-H$, R_8 is $-H$, and R_9 is $-Cl$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group; p is 0; m is 1; R_1 is $-Cl$, $-Br$, or $-I$; x is 1; A is $-C(O)-N(R_4)-$; R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ group; R_4 is $-H$; R_8 is $-H$; and R_9 is $-Br$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0, m is 1, R_1 is $-Cl$, x is 1, A is $-C(O)-N(R_4)-$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ group, R_4 is $-H$, R_8 is $-H$, and R_9 is $-Br$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -H, and R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another

5 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group; n is 0; m is 1; R₁ is -CH₃, -Cl, -Br, or -I; x is 0; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group; R₄ is -H; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In
10 another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0, m is 1, R₁ is -CH₃, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₄ is -H, R₈ is -H, and R₉ is -Cl. In another embodiment, the carbon
15 atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group; n is 0; m is 1; R₁ is -Cl, -Br, or -I; x is 0; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group; R₄ is -H; R₈ is -H; and R₉ is -Br. In another embodiment, the
20 carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0, m is 1, R₁ is -Cl, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₄ is -H, R₈ is -H, and R₉ is -Br. In another embodiment, the carbon
25 atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0, m is 1, R₁ is -CH₃, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₄ is -H, R₈ is -H, and R₉ is -F. In another embodiment, the carbon
30 atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group; p is 0; m is 1; R₁ is -CH₃, -Cl, -Br, or -I; x is 0; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group; R₄ is -H; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In
5 another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0, m is 1, R₁ is -CH₃, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₄ is -H, R₈ is -H, and R₉ is -Cl. In another embodiment, the carbon
10 atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group; p is 0; m is 1; R₁ is -Cl, -Br, or -I; x is 0; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group; R₄ is -H; R₈ is -H; and R₉ is -Br. In another
15 embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0, m is 1, R₁ is -Cl, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the
20 benzothiazolyl group, R₄ is -H, R₈ is -H, and R₉ is -Br. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0, m is 1, R₁ is -CH₃, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the
25 benzothiazolyl group, R₄ is -H, R₈ is -H, and R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, m is 1 and R₃ is -(C₁-C₄)alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- when x is 1 or the
30 benzothiazolyl group when x is 0. In another embodiment, m is 1 and R₃ is -(C₁-C₄)alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- when x is

1 or the benzothiazolyl group when x is 0 and the carbon to which the R₃ group is attached is in the R configuration.

In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- when x is 1 or the benzothiazolyl group when x is 0. In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- when x is 1 or the benzothiazolyl group when x is 0 and the carbon to which the R₃ group is attached is in the R configuration.

In another embodiment, m is 1 and R₃ is -(C₁-C₄)alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- when x is 1 or the benzothiazolyl group when x is 0. In another embodiment, m is 1 and R₃ is -(C₁-C₄)alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- when x is 1 or the benzothiazolyl group when x is 0 and the carbon to which the R₃ group is attached is in the S configuration.

In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- when x is 1 or the benzothiazolyl group when x is 0. In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- when x is 1 or the benzothiazolyl group when x is 0 and the carbon to which the R₃ group is attached is in the S configuration.

In another embodiment, m is 1 and R₃ is -(C₁-C₄)alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the pyridyl group or pyrimidinyl group. In another embodiment, m is 1 and R₃ is -(C₁-C₄)alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the pyridyl group or pyrimidinyl group and the carbon to which the R₃ group is attached is in the R configuration.

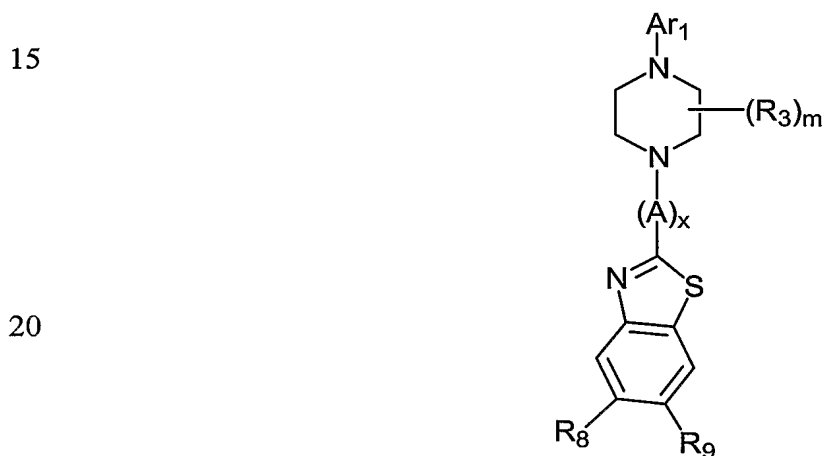
In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the pyridyl group or pyrimidinyl group. In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the pyridyl group or pyrimidinyl group and the carbon to which the R₃ group is attached is in the R configuration.

In another embodiment, m is 1 and R₃ is -(C₁-C₄)alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the pyridyl group or pyrimidinyl group. In another embodiment, m is 1 and R₃ is -(C₁-C₄)alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the pyridyl group or pyrimidinyl group and the carbon to which the R₃ group is attached is in the S configuration.

In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the pyridyl group or pyrimidinyl group. In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the pyridyl group or pyrimidinyl group and the carbon to which the R₃ group is attached is in the S configuration.

4.2 The Compounds of Formula (Ib)

The present invention also encompasses compounds of formula (Ib):



(Ib)

and pharmaceutically acceptable salts thereof, where Ar₁, R₃, R₈, R₉, A, x, and m, are defined above for the Benzoazolyloppiperazine Compounds of formula (Ib).

In one embodiment, Ar₁ is a pyrazinyl group.

In another embodiment, Ar₁ is a pyridazinyl group.

In another embodiment, Ar₁ is a thiazanyl group.

In another embodiment, x is 1 and A is -C(O)-N(R₄)-.

In another embodiment, x is 1 and A is -C(S)-N(R₄)-.

In another embodiment x is 0.

In another embodiment, p is 0.

In another embodiment, p is 1.

In another embodiment, m is 0.

5 In another embodiment, m is 1.

In another embodiment, R₄ is -H.

In another embodiment, R₄ is -(C₁-C₆)alkyl.

In another embodiment, Ar₁ is a pyrazinyl group, x is 1, and A is -C(O)N(R₄)-..

In another embodiment, Ar₁ is a pyrazinyl group, x is 1, and A is -C(S)N(R₄)-..

10 In another embodiment, Ar₁ is a pyridazinyl group, x is 1, and A is -
C(O)N(R₄)-..

In another embodiment, Ar₁ is a pyridazinyl group, x is 1, and A is -
C(S)N(R₄)-..

In another embodiment, Ar₁ is a thiazanyl group, x is 1, and A is -C(O)N(R₄)-..

15 In another embodiment, Ar₁ is a thiazanyl group, x is 1, and A is -C(S)N(R₄)-..

In another embodiment, R₁ is -H.

In another embodiment, R₁ is -Cl.

In another embodiment, R₁ is -Br.

In another embodiment, R₁ is -I.

20 In another embodiment, R₁ is -F.

In another embodiment, R₁ is -(C₁-C₆)alkyl.

In another embodiment, R₁ is -CH₃.

In another embodiment, R₁ is -NO₂.

In another embodiment, R₁ is -CN.

25 In another embodiment, R₁ is -OH.

In another embodiment, R₁ is -OCH₃.

In another embodiment, R₁ is -NH₂.

In another embodiment, R₁ is -C(halo)₃.

In another embodiment, R₁ is -CH(halo)₂.

30 In another embodiment, R₁ is -CH₂(halo).

In another embodiment, p is 1 and R₂ is -halo, -CN, -OH, -O(C₁-C₆)alkyl,

-NO₂, or -NH₂.

In another embodiment, p is 1 and R₂ is -(C₁-C₁₀)alkyl, -(C₂-C₁₀)alkenyl, -(C₂-C₁₀)alkynyl, -(C₃-C₁₀)cycloalkyl, -(C₈-C₁₄)bicycloalkyl, -(C₈-C₁₄)tricycloalkyl, -(C₅-C₁₀)cycloalkenyl, -(C₈-C₁₄)bicycloalkenyl, -(C₈-C₁₄)tricycloalkenyl, -(3- to 7-
5 membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R₅ groups.

In another embodiment, p is 1 and R₂ is -phenyl, -naphthyl, -(C₁₄)aryl, or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more R₆ groups.

10 In another embodiment, m is 1 and R₃ is -halo, -CN, -OH, -O(C₁-C₆)alkyl, -NO₂, or -NH₂.

In another embodiment, m is 1 and R₃ is -(C₁-C₁₀)alkyl, -(C₂-C₁₀)alkenyl, -(C₂-C₁₀)alkynyl, -(C₃-C₁₀)cycloalkyl, -(C₈-C₁₄)bicycloalkyl, -(C₈-C₁₄)tricycloalkyl, -(C₅-C₁₀)cycloalkenyl, -(C₈-C₁₄)bicycloalkenyl, -(C₈-C₁₄)tricycloalkenyl, -(3- to 7-
15 membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R₅ groups.

In another embodiment, m is 1 and R₃ is -phenyl, -naphthyl, -(C₁₄)aryl or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more R₆ groups.

20 In another embodiment, R₈ and R₉ are each independently -H, halo, -(C₁-C₆)alkyl, -O(C₁-C₆)alkyl, -C(halo)₃, -CH(halo)₂, or -CH₂(halo).

In another embodiment, at least one of R₈ or R₉ is -H.

In another embodiment, p and m are 0, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, and R₈ and R₉ are -H.

25 In another embodiment, p and m are 0, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, and R₈ and R₉ are -H.

In another embodiment, p and m are 0, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, p and m are 0, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, p and m are 0, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F.

In another embodiment, p and m are 0, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F.

10 In another embodiment, p and m are 0, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -CH₃.

In another embodiment, p and m are 0, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -CH₃.

In another embodiment, p and m are 0, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -CF₃.

20 In another embodiment, p and m are 0, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -CF₃.

In another embodiment, p and m are 0, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CF₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CF₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -OCH₂CH₃.

In another embodiment, p and m are 0, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -OCH₂CH₃.

30 In another embodiment, p and m are 0, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -OCH₂CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -OCH₂CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, and R₈ and R₉ are -H.

5 In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment,
10 R₈ is -Br. In another embodiment, R₈ is -F.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -CH₃.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CH₃, and R₉ is -H.

15 In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -CF₃.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CF₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -OCH₂CH₃.
20

In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -OCH₂CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, and R₈ and R₉ are -H.

25 In another embodiment, p and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment,
30 is -Br. In another embodiment, R₈ is -F.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -CH₃.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CH₃, and R₉ is -H.

5 In another embodiment, p and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -CF₃.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CF₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -OCH₂CH₃.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -OCH₂CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -*tert*-butyl, and R₉ is -H.

15 In another embodiment, p and m are 0, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -*tert*-butyl, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -*tert*-butyl.

In another embodiment, p and m are 0, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -*tert*-butyl.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -*tert*-butyl, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -*tert*-butyl.

25 In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CH₃, and R₉ is -CH₃.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to
5 which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon
10 atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another
15 embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the
20 -C(O)-N(R₄)- group, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄
25 is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

30 In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the

-C(O)-N(R₄)- group, R₈ is -H, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the

-C(O)-N(R₄)- group, R₈ is -CF₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -CF₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -OCH₂CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -OCH₂CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the

-C(O)-N(R₄)- group, and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -halo. In another embodiment R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -halo, and R₉ is -H. In another embodiment R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the
15 carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon
20 atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon
25 atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon
30 atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -CF₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -OCH₂CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -halo. In another embodiment R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -halo, and R₉ is -H. In another embodiment R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-CF_3$, x is 1, A is $-C(O)-N(R_4)-$, R_4 is $-H$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
 5 $-C(O)-N(R_4)-$ group, R_8 is $-H$, and R_9 is $-CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-CF_3$, x is 1, A is $-C(O)-N(R_4)-$, R_4 is $-H$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
 10 $-C(O)-N(R_4)-$ group, R_8 is $-CH_3$, and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-CF_3$, x is 1, A is $-C(O)-N(R_4)-$, R_4 is $-H$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
 15 $-C(O)-N(R_4)-$ group, R_8 is $-H$, and R_9 is $-CF_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-CF_3$, x is 1, A is $-C(O)-N(R_4)-$, R_4 is $-H$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
 20 $-C(O)-N(R_4)-$ group, R_8 is $-CF_3$, and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-CF_3$, x is 1, A is $-C(O)-N(R_4)-$, R_4 is $-H$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
 25 $-C(O)-N(R_4)-$ group, R_8 is $-H$, and R_9 is $-OCH_2CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-CF_3$, x is 1, A is $-C(O)-N(R_4)-$, R_4 is $-H$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the

-C(O)-N(R₄)- group, R₈ is -OCH₂CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -*tert*-butyl, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -*tert*-butyl, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -H, and R₉ is -*tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -H, and R₉ is -*tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -*tert*-butyl, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -H, and R₉ is -*tert*-butyl. In another embodiment, the carbon

atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-CH_3$, x is 1, A is $-C(O)-N(R_4)-$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-$
 5 $N(R_4)-$ group, R_4 is $-H$, R_8 is $-CH_3$, and R_9 is $-CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p and m are 0, R_1 is -halo, x is 0, R_4 is $-H$, and R_8 and R_9 are $-H$.

10 In another embodiment, p and m are 0, R_1 is $-Cl$, x is 0, R_4 is $-H$, and R_8 and R_9 are $-H$.

In another embodiment, p and m are 0, R_1 is -halo, x is 0, R_4 is $-H$, R_8 is $-H$, and R_9 is -halo. In another embodiment, R_9 is $-Cl$. In another embodiment, R_9 is $-Br$. In another embodiment, R_9 is $-F$.

15 In another embodiment, p and m are 0, R_1 is $-Cl$, x is 0, R_4 is $-H$, R_8 is $-H$, and R_9 is -halo. In another embodiment, R_9 is $-Cl$. In another embodiment, R_9 is $-Br$. In another embodiment, R_9 is $-F$.

In another embodiment, p and m are 0, R_1 is -halo, x is 0, R_4 is $-H$, R_8 is -halo, and R_9 is $-H$. In another embodiment, R_8 is $-Cl$. In another embodiment, R_8 is $-Br$. In
 20 another embodiment, R_8 is $-F$.

In another embodiment, p and m are 0, R_1 is $-Cl$, x is 0, R_4 is $-H$, R_8 is -halo, and R_9 is $-H$. In another embodiment, R_8 is $-Cl$. In another embodiment, R_8 is $-Br$. In another embodiment, R_8 is $-F$.

In another embodiment, p and m are 0, R_1 is -halo, x is 0, R_4 is $-H$, R_8 is $-H$,
 25 and R_9 is $-CH_3$.

In another embodiment, p and m are 0, R_1 is $-Cl$, x is 0, R_4 is $-H$, R_8 is $-H$, and R_9 is $-CH_3$.

In another embodiment, p and m are 0, R_1 is -halo, x is 0, R_4 is $-H$, R_8 is $-CH_3$, and R_9 is $-H$.

30 In another embodiment, p and m are 0, R_1 is $-Cl$, x is 0, R_4 is $-H$, R_8 is $-CH_3$, and R_9 is $-H$.

In another embodiment, p and m are 0, R₁ is -halo, x is 0, R₄ is -H, R₈ is -H, and R₉ is -CF₃.

In another embodiment, p and m are 0, R₁ is -Cl, x is 0, R₄ is -H, R₈ is -H, and R₉ is -CF₃.

5 In another embodiment, p and m are 0, R₁ is -halo, x is 0, R₄ is -H, R₈ is -CF₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -Cl, x is 0, R₄ is -H, R₈ is -CF₃, and R₉ is -H.

10 In another embodiment, p and m are 0, R₁ is -halo, x is 0, R₄ is -H, R₈ is -H, and R₉ is -OCH₂CH₃.

In another embodiment, p and m are 0, R₁ is -Cl, x is 0, R₄ is -H, R₈ is -H, and R₉ is -OCH₂CH₃.

In another embodiment, p and m are 0, R₁ is -halo, x is 0, R₄ is -H, R₈ is -OCH₂CH₃, and R₉ is -H.

15 In another embodiment, p and m are 0, R₁ is -Cl, x is 0, R₄ is -H, R₈ is -OCH₂CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, and R₈ and R₉ are -H.

20 In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F.

25 In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -CH₃.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -CH₃, and R₉ is -H.

30 In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -CF₃.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -CF₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -OCH₂CH₃.

5 In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -OCH₂CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, and R₈ and R₉ are -H.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F.

15 In another embodiment, p and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -CH₃.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -CF₃.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -CF₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -OCH₂CH₃.

25 In another embodiment, p and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -OCH₂CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -halo, x is 0, R₄ is -H, R₈ is -*tert*-butyl, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -Cl, x is 0, R₄ is -H, R₈ is -*tert*-butyl, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -halo, x is 0, R₄ is -H, R₈ is -H, and R₉ is *-tert*-butyl.

In another embodiment, p and m are 0, R₁ is -Cl, x is 0, R₄ is -H, R₈ is -H, and R₉ is *-tert*-butyl.

5 In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is *-tert*-butyl, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is *-tert*-butyl.

10 In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -CH₃, and R₉ is -CH₃.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, p is 0, m is 1, R₁ is -halo, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is

-Br. In another embodiment, R_9 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is -halo, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_8 is -halo, and R_9 is -H. In another embodiment, R_8 is -Cl. In another embodiment, R_8 is -Br. In another embodiment, R_8 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

10 In another embodiment, p is 0, m is 1, R_1 is -Cl, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_8 is -halo, and R_9 is -H. In another embodiment, R_8 is -Cl. In another embodiment, R_8 is -Br. In another embodiment, R_8 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

15 In another embodiment, p is 0, m is 1, R_1 is -halo, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_8 is -H, and R_9 is -CH₃. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

20 In another embodiment, p is 0, m is 1, R_1 is -Cl, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_8 is -H, and R_9 is -CH₃. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

25 In another embodiment, p is 0, m is 1, R_1 is -halo, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_8 is -CH₃, and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₈ is -CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₈ is -H, and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₈ is -H, and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₈ is -CF₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₈ is -CF₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₈ is -H, and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₈ is -H, and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which
5 the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₈ is -OCH₂CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to
10 which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₈ is -OCH₂CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which
15 the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃
20 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₈ is -H, and R₉ is -halo. In another embodiment R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon atom to
25 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₈ is -halo, and R₉ is -H. In another embodiment R₈ is -Cl. In another embodiment,
30 R₈ is -Br. In another embodiment, R₈ is -F. In another embodiment, the carbon atom to

which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-\text{CH}_3$, x is 0, R_4 is $-\text{H}$, R_3 is $-\text{CH}_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl
5 group, R_8 is $-\text{H}$, and R_9 is $-\text{CH}_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-\text{CH}_3$, x is 0, R_4 is $-\text{H}$, R_3 is $-\text{CH}_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl
10 group, R_8 is $-\text{CH}_3$, and R_9 is $-\text{H}$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-\text{CH}_3$, x is 0, R_4 is $-\text{H}$, R_3 is $-\text{CH}_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl
15 group, R_8 is $-\text{H}$, and R_9 is $-\text{CF}_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-\text{CH}_3$, x is 0, R_4 is $-\text{H}$, R_3 is $-\text{CH}_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl
20 group, R_8 is $-\text{CF}_3$, and R_9 is $-\text{H}$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-\text{CH}_3$, x is 0, R_4 is $-\text{H}$, R_3 is $-\text{CH}_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl
25 group, R_8 is $-\text{H}$, and R_9 is $-\text{OCH}_2\text{CH}_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-\text{CH}_3$, x is 0, R_4 is $-\text{H}$, R_3 is $-\text{CH}_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl
30 group, R_8 is $-\text{OCH}_2\text{CH}_3$, and R_9 is $-\text{H}$. In another embodiment, the carbon atom to which the

R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CF₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CF₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₈ is -H, and R₉ is -halo. In another embodiment R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CF₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₈ is -halo, and R₉ is -H. In another embodiment R₈ is -Cl. In another embodiment, R₈ is -Br. In one embodiment, R₈ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CF₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₈ is -H, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CF₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₈ is -CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CF₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl

group, R_8 is -H, and R_9 is -CF₃. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is -CF₃, x is 0, R_4 is -H, R_3 is -CH₃
5 and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_8 is -CF₃, and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is -CF₃, x is 0, R_4 is -H, R_3 is -CH₃
10 and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_8 is -H, and R_9 is -OCH₂CH₃. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is -CF₃, x is 0, R_4 is -H, R_3 is -CH₃
15 and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_8 is -OCH₂CH₃, and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is -halo, x is 0, R_3 is -CH₃ and is
20 attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_4 is -H, R_8 is -*tert*-butyl, and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is -Cl, x is 0, R_3 is -CH₃ and is
25 attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_4 is -H, R_8 is -*tert*-butyl, and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is -halo, x is 0, R_3 is -CH₃ and is
30 attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_4 is -H, R_8 is -H, and R_9 is -*tert*-butyl. In another embodiment, the carbon atom to which the R_3

group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₄ is -H, R₈ is -H, and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₄ is -H, R₈ is *-tert*-butyl, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₄ is -H, R₈ is -H, and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₄ is -H, R₈ is -CH₃, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrazinyl group, p is 0, m is 1, R₁ is -CH₃ or -halo, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -H, and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrazinyl group, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -H, and R₉ is -Cl. In another embodiment,

the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrazinyl group, p is 0, m is 1, R_1 is -halo, x is 1, A is -C(O)-N(R_4)-, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen
5 attached to the -C(O)-N(R_4)- group, R_4 is -H, R_8 is -H, and R_9 is -Br. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrazinyl group, p is 0, m is 1, R_1 is -Cl, x is 1, A is -C(O)-N(R_4)-, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen
10 attached to the -C(O)-N(R_4)- group, R_4 is -H, R_8 is -H, and R_9 is -Br. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrazinyl group, p is 0, m is 1, R_1 is -CH₃, x is 1, A is -C(O)-N(R_4)-, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen
15 attached to the -C(O)-N(R_4)- group, R_4 is -H, R_8 is -H, and R_9 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridazinyl group, p is 0, m is 1, R_1 is -CH₃ or -halo, x is 1, A is -C(O)-N(R_4)-, R_3 is -CH₃ and is attached to the carbon atom adjacent to the
20 nitrogen attached to the -C(O)-N(R_4)- group, R_4 is -H, R_8 is -H, and R_9 is -halo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridazinyl group, p is 0, m is 1, R_1 is -CH₃, x
25 is 1, A is -C(O)-N(R_4)-, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R_4)- group, R_4 is -H, R_8 is -H, and R_9 is -Cl. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridazinyl group, p is 0, m is 1, R_1 is -halo, x
30 is 1, A is -C(O)-N(R_4)-, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R_4)- group, R_4 is -H, R_8 is -H, and R_9 is -Br. In another embodiment,

the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridazinyl group, p is 0, m is 1, R_1 is -Cl, x is 1, A is -C(O)-N(R_4)-, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen
5 attached to the -C(O)-N(R_4)- group, R_4 is -H, R_8 is -H, and R_9 is -Br. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridazinyl group, p is 0, m is 1, R_1 is -CH₃, x is 1, A is -C(O)-N(R_4)-, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen
10 attached to the -C(O)-N(R_4)- group, R_4 is -H, R_8 is -H, and R_9 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a thiazanyl group, p is 0, m is 1, R_1 is -CH₃ or -halo, x is 1, A is -C(O)-N(R_4)-, R_3 is -CH₃ and is attached to the carbon atom adjacent to the
15 nitrogen attached to the -C(O)-N(R_4)- group, R_4 is -H, R_8 is -H, and R_9 is -halo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a thiazanyl group, p is 0, m is 1, R_1 is -CH₃, x is 1, A is -C(O)-N(R_4)-, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen
20 attached to the -C(O)-N(R_4)- group, R_4 is -H, R_8 is -H, and R_9 is -Cl. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a thiazanyl group, p is 0, m is 1, R_1 is -halo, x is 1, A is -C(O)-N(R_4)-, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen
25 attached to the -C(O)-N(R_4)- group, R_4 is -H, R_8 is -H, and R_9 is -Br. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a thiazanyl group, p is 0, m is 1, R_1 is -Cl, x is 1, A is -C(O)-N(R_4)-, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen
30 attached to the -C(O)-N(R_4)- group, R_4 is -H, R_8 is -H, and R_9 is -Br. In another embodiment,

the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a thiazanyl group, p is 0, m is 1, R_1 is $-CH_3$, x is 1, A is $-C(O)-N(R_4)-$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen
5 attached to the $-C(O)-N(R_4)-$ group, R_4 is $-H$, R_8 is $-H$, and R_9 is $-F$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrazinyl group, p is 0, m is 1, R_1 is $-CH_3$ or $-halo$, x is 0, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to
10 the benzothiazolyl group, R_4 is $-H$, R_8 is $-H$, and R_9 is $-halo$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrazinyl group, p is 0, m is 1, R_1 is $-CH_3$, x is 0, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
15 benzothiazolyl group, R_4 is $-H$, R_8 is $-H$, and R_9 is $-Cl$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrazinyl group, p is 0, m is 1, R_1 is $-halo$, x is 0, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
20 benzothiazolyl group, R_4 is $-H$, R_8 is $-H$, and R_9 is $-Br$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrazinyl group, p is 0, m is 1, R_1 is $-Cl$, x is 0, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
25 benzothiazolyl group, R_4 is $-H$, R_8 is $-H$, and R_9 is $-Br$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrazinyl group, p is 0, m is 1, R_1 is $-CH_3$, x is 0, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
30 benzothiazolyl group, R_4 is $-H$, R_8 is $-H$, and R_9 is $-F$. In another embodiment, the carbon

atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridazinyl group, p is 0, m is 1, R₁ is -CH₃ or -halo, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₄ is -H, R₈ is -H, and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridazinyl group, p is 0, m is 1, R₁ is -CH₃, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₄ is -H, R₈ is -H, and R₉ is -Cl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridazinyl group, p is 0, m is 1, R₁ is -halo, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₄ is -H, R₈ is -H, and R₉ is -Br. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridazinyl group, p is 0, m is 1, R₁ is -Cl, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₄ is -H, R₈ is -H, and R₉ is -Br. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridazinyl group, p is 0, m is 1, R₁ is -CH₃, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₄ is -H, R₈ is -H, and R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a thiazanyl group, p is 0, m is 1, R₁ is -CH₃ or -halo, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R₄ is -H, R₈ is -H, and R₉ is -halo. In another embodiment, the

carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a thiazanyl group, p is 0, m is 1, R_1 is $-CH_3$, x is 0, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_4 is $-H$, R_8 is $-H$, and R_9 is $-Cl$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a thiazanyl group, p is 0, m is 1, R_1 is $-halo$, x is 0, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_4 is $-H$, R_8 is $-H$, and R_9 is $-Br$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a thiazanyl group, p is 0, m is 1, R_1 is $-Cl$, x is 0, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_4 is $-H$, R_8 is $-H$, and R_9 is $-Br$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a thiazanyl group, p is 0, m is 1, R_1 is $-CH_3$, x is 0, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzothiazolyl group, R_4 is $-H$, R_8 is $-H$, and R_9 is $-F$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, m is 1 and R_3 is $-(C_1-C_4)alkyl$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ when x is 1 or the benzothiazolyl group when x is 0. In another embodiment, m is 1 and R_3 is $-(C_1-C_4)alkyl$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ when x is 1 or the benzothiazolyl group when x is 0 and the carbon to which the R_3 group is attached is in the R configuration.

In another embodiment, m is 1 and R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ when x is 1 or the benzothiazolyl group when x is 0. In another embodiment, m is 1 and R_3 is $-CH_3$ and is attached to the

carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ when x is 1 or the benzothiazolyl group when x is 0 and the carbon to which the R_3 group is attached is in the R configuration.

In another embodiment, m is 1 and R_3 is $-(C_1-C_4)$ alkyl and is attached to the
5 carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ when x is 1 or the benzothiazolyl group when x is 0. In another embodiment, m is 1 and R_3 is $-(C_1-C_4)$ alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ when x is 1 or the benzothiazolyl group when x is 0 and the carbon to which the R_3 group is attached is in the S configuration.

10 In another embodiment, m is 1 and R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ when x is 1 or the benzothiazolyl group when x is 0. In another embodiment, m is 1 and R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ when x is 1 or the benzothiazolyl group when x is 0 and the carbon to which the R_3 group is attached is in the S
15 configuration.

In another embodiment, m is 1 and R_3 is $-(C_1-C_4)$ alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the pyrazinyl group, pyridazinyl group, or a thiazanyl group. In another embodiment, m is 1 and R_3 is $-(C_1-C_4)$ alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the pyrazinyl group, pyridazinyl group, or a
20 thiazanyl group and the carbon to which the R_3 group is attached is in the R configuration.

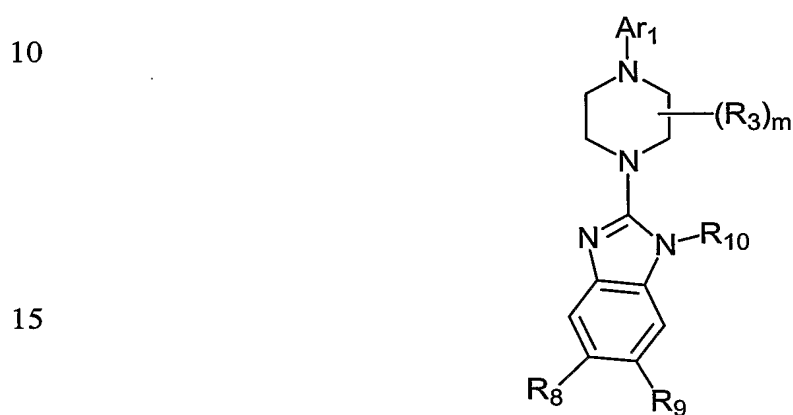
In another embodiment, m is 1 and R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the pyrazinyl group, pyridazinyl group, or thiazanyl group. In another embodiment, m is 1 and R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the pyrazinyl group, pyridazinyl group, or thiazanyl group
25 and the carbon to which the R_3 group is attached is in the R configuration.

In another embodiment, m is 1 and R_3 is $-(C_1-C_4)$ alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the pyrazinyl group, pyridazinyl group, or thiazanyl group. In another embodiment, m is 1 and R_3 is $-(C_1-C_4)$ alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the pyrazinyl group, pyridazinyl group, or
30 thiazanyl group and the carbon to which the R_3 group is attached is in the S configuration.

In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the pyrazinyl group, pyridazinyl group, or thiazanyl group. In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the pyrazinyl group, pyridazinyl group, or thiazanyl group
 5 and the carbon to which the R₃ group is attached is in the S configuration.

The present invention also encompasses compounds of formula (IIa):

4.3 The Compounds of Formula (IIa)



(IIa)

and pharmaceutically acceptable salts thereof, where Ar₁, R₃, R₈, R₉, R₁₀ and m, are defined
 20 above for the Benzoazolyloppiperazine Compounds of formula (IIa).

In one embodiment, Ar₁ is a pyridyl group.

In another embodiment, Ar₁ is a pyrimidinyl group.

In another embodiment, Ar₁ is a pyrazinyl group.

In another embodiment, n or p is 0.

25 In another embodiment, n or p is 1.

In another embodiment, m is 0.

In another embodiment, m is 1.

In another embodiment, R₁₀ is -H.

In another embodiment, R₁₀ is -(C₁-C₄)alkyl.

30 In another embodiment, R₁₀ is -CH₃.

In another embodiment, R₁ is -Cl.

In another embodiment, R₁ is -Br.

In another embodiment, R₁ is -I.

In another embodiment, R₁ is -(C₁-C₆)alkyl.

In another embodiment, R₁ is -CH₃.

5 In another embodiment, R₁ is -NO₂.

In another embodiment, R₁ is -CN.

In another embodiment, R₁ is -OH.

In another embodiment, R₁ is -OCH₃.

In another embodiment, R₁ is -NH₂.

10 In another embodiment, R₁ is -C(halo)₃.

In another embodiment, R₁ is -CH(halo)₂.

In another embodiment, R₁ is -CH₂(halo).

In another embodiment, n and p are 1 and R₂ is -halo, -CN, -OH, -O(C₁-C₆)alkyl, -NO₂, or -NH₂.

15 In another embodiment, n and p are 1 and R₂ is -(C₁-C₁₀)alkyl, -(C₂-C₁₀)alkenyl, -(C₂-C₁₀)alkynyl, -(C₃-C₁₀)cycloalkyl, -(C₈-C₁₄)bicycloalkyl, -(C₈-C₁₄)tricycloalkyl, -(C₅-C₁₀)cycloalkenyl, -(C₈-C₁₄)bicycloalkenyl, -(C₈-C₁₄)tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R₅ groups.

20 In another embodiment, n and p are 1 and R₂ is -phenyl, -naphthyl, -(C₁₄)aryl, or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more R₆ groups;

In another embodiment, m is 1 and R₃ is -halo, -CN, -OH, -O(C₁-C₆)alkyl, -NO₂, or -NH₂.

25 In another embodiment, m is 1 and R₃ is -(C₁-C₁₀)alkyl, -(C₂-C₁₀)alkenyl, -(C₂-C₁₀)alkynyl, -(C₃-C₁₀)cycloalkyl, -(C₈-C₁₄)bicycloalkyl, -(C₈-C₁₄)tricycloalkyl, -(C₅-C₁₀)cycloalkenyl, -(C₈-C₁₄)bicycloalkenyl, -(C₈-C₁₄)tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R₅ groups.

In another embodiment, m is 1 and R₃ is -phenyl, -naphthyl, -(C₁₄)aryl or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more R₆ groups.

In another embodiment, R₈ and R₉ are each independently -H, halo, -(C₁-
5 C₆)alkyl, -O(C₁-C₆)alkyl, -C(halo)₃, -CH(halo)₂, or -CH₂(halo).

In another embodiment, at least one of R₈ or R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; R₄ is -H; and R₈ and R₉ are -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl, R₄ is -H; and R₈ and R₉ are
10 -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; R₄ is -H; R₈ is -halo H; and R₉ is -H. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, n, p, and m are 0; R₁ is -Cl; R₄ is -H; R₈ is -halo; and
15 R₉ is -H. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; R₄ is -H; R₈ is -H; and R₉ is -CH₃. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, n, p, and m are 0; R₁ is -Cl, R₄ is -H; R₈ is -H; and R₉
20 is -CH₃. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; R₄ is -H; R₈ is -CH₃; and R₉ is -H. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In
25 another embodiment, R₉ is -F.

In another embodiment, n, p, and m are 0; R₁ is -Cl, R₄ is -H; R₈ is -CH₃; and R₉ is -H. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; R₄ is -H; R₈ is -
30 H; and R₉ is -CF₃. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, n, p, and m are 0; R₁ is -Cl; R₄ is -H; R₈ is -H; and R₉ is -CF₃. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; R₄ is -H; R₈ is -CF₃; and R₉ is -H. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, n, p, and m are 0; R₁ is -Cl; R₄ is -H; R₈ is -CF₃; and R₉ is -H. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

10 In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; R₄ is -H; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, n, p, and m are 0; R₁ is -Cl; R₄ is -H; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

15 In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; R₄ is -H; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, n, p, and m are 0; R₁ is -Cl; R₄ is -H; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, n, p, and m are 0; R₁ is -Cl, Br, or -I; R₄ is -H; R₈ is -H; and R₉ is -CH₃.

In another embodiment, n, p, and m are 0; R₁ is -Cl; R₄ is -H; R₈ is -H; and R₉ is -CH₃.

In another embodiment, n, p, and m are 0; R₁ is -Cl, Br, or -I; R₄ is -H; R₈ is -CH₃; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl; R₄ is -H; R₈ is -CH₃; and R₉ is -H.

30 In another embodiment, n, p, and m are 0; R₁ is -Cl, Br, or -I; R₄ is -H; R₈ is -H; and R₉ is -CF₃.

In another embodiment, n, p, and m are 0; R₁ is -Cl; R₄ is -H; R₈ is -H; and R₉ is -CF₃.

In another embodiment, n, p, and m are 0; R₁ is -Cl, Br, or -I; R₄ is -H; R₈ is -CF₃; and R₉ is -H.

5 In another embodiment, n, p, and m are 0; R₁ is -Cl; R₄ is -H; R₈ is -CF₃; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl, Br, or -I; R₄ is -H; R₈ is -H; and R₉ is -OCH₂CH₃.

10 In another embodiment, n, p, and m are 0; R₁ is -Cl; R₄ is -H; R₈ is -H; and R₉ is -OCH₂CH₃.

In another embodiment, n, p, and m are 0; R₁ is -Cl, Br, or -I; R₄ is -H; R₈ is -OCH₂CH₃; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl; R₄ is -H; R₈ is -OCH₂CH₃; and R₉ is -H.

15 In another embodiment, n, p, and m are 0; R₁ is -CH₃; R₄ is -H, and R₈ and R₉ are -H.

In another embodiment, n, p, and m are 0; R₁ is -CH₃; R₄ is -H; R₈ is -H; and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another
20 embodiment, R₉ is -F.

In another embodiment, n, p, and m are 0; R₁ is -CH₃; R₄ is -H; R₈ is -halo; and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F.

25 In another embodiment, n, p, and m are 0; R₁ is -CH₃; R₄ is -H; R₈ is -H; and R₉ is -CH₃.

In another embodiment, n, p, and m are 0; R₁ is -CH₃; R₄ is -H; R₈ is -CH₃; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -CH₃; R₄ is -H; R₈ is -H; and R₉ is -CF₃.

30 In another embodiment, n, p, and m are 0; R₁ is -CH₃; R₄ is -H; R₈ is -CF₃; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -CH₃; R₄ is -H; R₈ is -H; and R₉ is -OCH₂CH₃.

In another embodiment, n, p, and m are 0; R₁ is -CH₃; R₄ is -H; R₈ is -OCH₂CH₃; and R₉ is -H.

5 In another embodiment, n, p, and m are 0; R₁ is -CF₃; R₄ is -H; and R₈ and R₉ are -H.

In another embodiment, n, p, and m are 0; R₁ is -CF₃; R₄ is -H; R₈ is -H; and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

10 In another embodiment, n, p, and m are 0; R₁ is -CF₃; R₄ is -H; R₈ is -halo; and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F.

In another embodiment, n, p, and m are 0; R₁ is -CF₃; R₄ is -H; R₈ is -H; and R₉ is -CH₃.

15 In another embodiment, n, p, and m are 0; R₁ is -CF₃; R₄ is -H; R₈ is -CH₃; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -CF₃; R₄ is -H; R₈ is -H; and R₉ is -CF₃.

In another embodiment, n, p, and m are 0; R₁ is -CF₃; R₄ is -H; R₈ is -CF₃; and
20 R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -CF₃; R₄ is -H; R₈ is -H; and R₉ is -OCH₂CH₃.

In another embodiment, n, p, and m are 0; R₁ is -CF₃; R₄ is -H; R₈ is -OCH₂CH₃; and R₉ is -H.

25 In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; R₄ is -H; R₈ is -*tert*-butyl; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl; R₄ is -H; R₈ is -*tert*-butyl; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; R₄ is -H; R₈ is
30 -H; and R₉ is -*tert*-butyl.

In another embodiment, n, p, and m are 0; R₁ is -Cl; R₄ is -H; R₈ is -H; and R₉ is *-tert*-butyl.

In another embodiment, n, p, and m are 0; R₁ is -CH₃; R₄ is -H; R₈ is *-tert*-butyl; and R₉ is -H.

5 In another embodiment, n, p, and m are 0; R₁ is -CH₃; R₄ is -H; R₈ is -H; and R₉ is *-tert*-butyl.

In another embodiment, n, p, and m are 0; R₁ is -CH₃; R₄ is -H; R₈ is -CH₃; and R₉ is -CH₃.

In another embodiment, n is 0, Ar₁ is -2-(3-chloropyridyl)-, m is 1, R₃ is -CH₃
10 and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group, the carbon atom to which the R₃ group is attached has the R configuration, R₁₀ is -H, R₈ is methyl, and R₉ is *iso*-propyl.

In another embodiment, n is 0, Ar₁ is -2-(3-chloropyridyl)-, m is 1, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole
15 group, the carbon atom to which the R₃ group is attached has the R configuration, R₁₀ is -H, R₈ is *iso*-propyl, and R₉ is methyl.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group; and R₈ and R₉ are -H. In another embodiment, the carbon atom to
20 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group; and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group
25 is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group; R₈ is -H; and R₉ is -halo. In another embodiment R₉ is -Cl. In another
30 embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon

atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R_1 is -Cl; R_4 is -H; R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group; R_8 is -H; and R_9 is -halo. In another embodiment R_9 is -Cl. In another embodiment, R_9 is -Br. In another embodiment, R_9 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R_1 is -Cl, -Br, or -I; R_4 is -H; R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group; R_8 is -halo; and R_9 is -H. In another embodiment R_8 is -Cl. In another embodiment, R_8 is -Br. In another embodiment, R_8 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R_1 is -Cl; R_4 is -H; R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group; R_8 is -halo; and R_9 is -H. In another embodiment R_8 is -Cl. In another embodiment, R_8 is -Br. In another embodiment, R_8 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R_1 is -Cl, -Br, or -I; R_4 is -H; R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group; R_8 is -H; and R_9 is -CH₃. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R_1 is -Cl; R_4 is -H; R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group; R_8 is -H; and R_9 is -CH₃. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -benzoimidazole group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the
5 carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -benzoimidazole group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to
10 which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the
15 carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to
20 which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group, and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃
25 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group, R₈ is -H, and R₉ is -halo. In another embodiment R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon atom to
30 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group, R₈ is -halo, and R₉ is -H. In another embodiment R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F. In another embodiment, the carbon atom to
5 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group, R₈ is -H, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃
10 group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group, R₈ is -CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃
15 group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group, R₈ is -H, and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃
20 group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group, R₈ is -CF₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃
25 group is attached has the R configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group, R₈ is -H, and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to
30 which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group, R₈ is -OCH₂CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to
5 which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CF₃, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group, and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃
10 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CF₃, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon atom to
15 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CF₃, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment,
20 R₈ is -Br. In another embodiment, R₈ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CF₃, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole
25 group, R₈ is -H, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CF₃, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole
30 group, R₈ is -CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃

group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CF₃, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group, R₈ is -H, and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CF₃, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group, R₈ is -CF₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CF₃, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group, R₈ is -H, and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CF₃, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group, R₈ is -OCH₂CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group; R₄ is -H; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -Cl, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group, R₄ is -H, R₈ is *-tert*-butyl, and R₉ is -H. In another embodiment, the carbon atom to which the R₃

group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group; R₄ is -H; R₈ is -H; and R₉ is -*tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -Cl, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group, R₄ is -H, R₈ is -H, and R₉ is -*tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group, R₄ is -H, R₈ is -*tert*-butyl, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group, R₄ is -H, R₈ is -H, and R₉ is -*tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazole group, R₄ is -H, R₈ is -CH₃, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group; n is 0; m is 1; R₁ is -CH₃, -Cl, -Br, or -I; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group; R₄ is -H; R₈ is -H; and R₉ is -halo. In another embodiment, the

carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group n is 0, m is 1, R_1 is $-CH_3$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
5 benzoimidazolyl group, R_4 is $-H$, R_8 is $-H$, and R_9 is $-Cl$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group; n is 0; m is 1; R_1 is $-Cl$, $-Br$, or $-I$; R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
10 benzoimidazolyl group; R_4 is $-H$; R_8 is $-H$; and R_9 is $-Br$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0, m is 1, R_1 is $-Cl$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
15 benzoimidazolyl group, R_4 is $-H$, R_8 is $-H$, and R_9 is $-Br$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0, m is 1, R_1 is $-CH_3$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
20 benzoimidazolyl group, R_4 is $-H$, R_8 is $-H$, and R_9 is $-F$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group; p is 0; m is 1; R_1 is $-CH_3$, $-Cl$, $-Br$, or $-I$; R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached
25 to the benzimidazolyl group; R_4 is $-H$; R_8 is $-H$; and R_9 is $-halo$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0, m is 1, R_1 is $-CH_3$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
30 benzimidazolyl group, R_4 is $-H$, R_8 is $-H$, and R_9 is $-Cl$. In another embodiment, the carbon

atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group; p is 0; m is 1; R_1 is -Cl, -Br, or -I; R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to
5 the benzimidazolyl group; R_4 is -H; R_8 is -H; and R_9 is -Br. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0, m is 1, R_1 is -Cl, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the
10 benzimidazolyl group, R_4 is -H, R_8 is -H, and R_9 is -Br. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0, m is 1, R_1 is -CH₃, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the
15 benzimidazolyl group, R_4 is -H, R_8 is -H, and R_9 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrazinyl group; p is 0; m is 1; R_1 is -CH₃, -Cl, -Br, or -I; R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached
20 to the benzimidazolyl group; R_4 is -H; R_8 is -H; and R_9 is -halo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrazinyl group, p is 0, m is 1, R_1 is -CH₃, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the
25 benzimidazolyl group, R_4 is -H, R_8 is -H, and R_9 is -Cl. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrazinyl group; p is 0; m is 1; R_1 is -Cl, -Br, or -I; R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the
30 benzimidazolyl group; R_4 is -H; R_8 is -H; and R_9 is -Br. In another embodiment, the carbon

atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrazinyl group, p is 0, m is 1, R_1 is -Cl, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the
5 benzimidazolyl group, R_4 is -H, R_8 is -H, and R_9 is -Br. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrazinyl group, p is 0, m is 1, R_1 is -CH₃, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the
10 benzimidazolyl group, R_4 is -H, R_8 is -H, and R_9 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, m is 1 and R_3 is -(C₁-C₄)alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group. In another
15 embodiment, m is 1 and R_3 is -(C₁-C₄)alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group and the carbon to which the R_3 group is attached is in the R configuration.

In another embodiment, m is 1 and R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group. In another embodiment,
20 m is 1 and R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group and the carbon to which the R_3 group is attached is in the R configuration.

In another embodiment, m is 1 and R_3 is -(C₁-C₄)alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group. In another
25 embodiment, m is 1 and R_3 is -(C₁-C₄)alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group and the carbon to which the R_3 group is attached is in the S configuration.

In another embodiment, m is 1 and R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group. In another embodiment,
30 m is 1 and R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to

the -C(O)-N(R₄)- or the benzothiazolyl group and the carbon to which the R₃ group is attached is in the S configuration.

In another embodiment, m is 1 and R₃ is -(C₁-C₄)alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the pyridyl group, pyrimidinyl group, or
5 pyrazinyl group. In another embodiment, m is 1 and R₃ is -(C₁-C₄)alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the pyridyl group, pyrimidinyl group, or pyrazinyl group and the carbon to which the R₃ group is attached is in the R configuration.

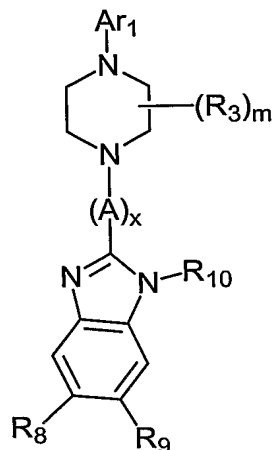
In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the pyridyl group, pyrimidinyl group, or pyrazinyl
10 group. In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the pyridyl group, pyrimidinyl group, or pyrazinyl group and the carbon to which the R₃ group is attached is in the R configuration.

In another embodiment, m is 1 and R₃ is -(C₁-C₄)alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the pyridyl group, pyrimidinyl group, or
15 pyrazinyl group. In another embodiment, m is 1 and R₃ is -(C₁-C₄)alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the pyridyl group, pyrimidinyl group, or pyrazinyl group and the carbon to which the R₃ group is attached is in the S configuration.

In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the pyridyl group, pyrimidinyl group, or pyrazinyl
20 group. In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the pyridyl group, pyrimidinyl group, or pyrazinyl group and the carbon to which the R₃ group is attached is in the S configuration.

4.4 The Compounds of Formula (IIb)

25 The present invention also encompasses compounds of formula (IIb):



(IIb)

and pharmaceutically acceptable salts thereof, where Ar_1 , R_3 , R_8 , R_9 , A , x , and m , are defined above for the Benzoazolyloypiperazine Compounds of formula (Iib).

In one embodiment, Ar_1 is a pyridazinyl group.

In another embodiment, Ar_1 is a thiazanyl group.

In another embodiment, x is 1 and A is $-C(O)-N(R_4)-$.

In another embodiment, x is 1 and A is $-C(S)-N(R_4)-$.

In another embodiment x is 0.

In another embodiment, x is 1.

In another embodiment p is 0.

In another embodiment, p is 1.

In another embodiment m is 0.

In another embodiment, m is 1.

In another embodiment, R_4 is $-H$.

In another embodiment, R_4 is $-(C_1-C_6)alkyl$.

In another embodiment, R_{10} is $-H$.

In another embodiment, R_{10} is $-(C_1-C_4)alkyl$.

In another embodiment, R_{10} is $-CH_3$.

In another embodiment, Ar_1 is a pyrazinyl group, x is 1, and A is $-C(O)N(R_4)-$.

In another embodiment, Ar_1 is a pyrazinyl group, x is 1, and A is $-C(S)N(R_4)-$.

In another embodiment, Ar_1 is a thiazanyl group, x is 1, and A is $-C(O)N(R_4)-$.

In another embodiment, Ar₁ is a thiazanyl group, x is 1, and A is -C(S)N(R₄)-.

In another embodiment, R₁ is -H.

In another embodiment, R₁ is -Cl.

In another embodiment, R₁ is -Br.

5 In another embodiment, R₁ is -I.

In another embodiment, R₁ is -F.

In another embodiment, R₁ is -(C₁-C₆)alkyl.

In another embodiment, R₁ is -CH₃.

In another embodiment, R₁ is -NO₂.

10 In another embodiment, R₁ is -CN.

In another embodiment, R₁ is -OH.

In another embodiment, R₁ is -OCH₃.

In another embodiment, R₁ is -NH₂.

In another embodiment, R₁ is -C(halo)₃.

15 In another embodiment, R₁ is -CH(halo)₂.

In another embodiment, R₁ is -CH₂(halo).

In another embodiment, p is 1 and R₂ is -halo, -CN, -OH, -O(C₁-C₆)alkyl, -NO₂, or -NH₂.

In another embodiment, p is 1 and R₂ is -(C₁-C₁₀)alkyl, -(C₂-C₁₀)alkenyl, -(C₂-C₁₀)alkynyl, -(C₃-C₁₀)cycloalkyl, -(C₈-C₁₄)bicycloalkyl, -(C₈-C₁₄)tricycloalkyl, -(C₅-C₁₀)cycloalkenyl, -(C₈-C₁₄)bicycloalkenyl, -(C₈-C₁₄)tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R₅ groups.

In another embodiment, p is 1 and R₂ is -phenyl, -naphthyl, -(C₁₄)aryl, or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more R₆ groups;

In another embodiment, m is 1 and R₃ is -halo, -CN, -OH, -O(C₁-C₆)alkyl, -NO₂, or -NH₂.

In another embodiment, m is 1 and R₃ is -(C₁-C₁₀)alkyl, -(C₂-C₁₀)alkenyl, -(C₂-C₁₀)alkynyl, -(C₃-C₁₀)cycloalkyl, -(C₈-C₁₄)bicycloalkyl, -(C₈-C₁₄)tricycloalkyl, -(C₅-C₁₀)cycloalkenyl, -(C₈-C₁₄)bicycloalkenyl, -(C₈-C₁₄)tricycloalkenyl, -(3- to 7-

membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is unsubstituted or substituted with one or more R_5 groups.

In another embodiment, m is 1 and R_3 is -phenyl, -naphthyl, $-(C_{14})$ aryl or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more R_6 groups.

In another embodiment, R_8 and R_9 are each independently -H, halo, $-(C_1-C_6)$ alkyl, $-O(C_1-C_6)$ alkyl, $-C(halo)_3$, $-CH(halo)_2$, or $-CH_2(halo)$.

In another embodiment, at least one of R_8 or R_9 is -H.

In another embodiment, p and m are 0, R_1 is -halo, x is 1, A is $-C(O)-N(R_4)-$,
10 R_4 is -H, and R_8 and R_9 are -H.

In another embodiment, p and m are 0, R_1 is -Cl, x is 1, A is $-C(O)-N(R_4)-$, R_4 is -H, and R_8 and R_9 are -H.

In another embodiment, p and m are 0, R_1 is -halo, x is 1, A is $-C(O)-N(R_4)-$, R_4 is -H, R_8 is -H, and R_9 is -halo. In another embodiment, R_9 is -Cl. In another embodiment,
15 R_9 is -Br. In another embodiment, R_9 is -F.

In another embodiment, p and m are 0, R_1 is -Cl, x is 1, A is $-C(O)-N(R_4)-$, R_4 is -H, R_8 is -H, and R_9 is -halo. In another embodiment, R_9 is -Cl. In another embodiment, R_9 is -Br. In another embodiment, R_9 is -F.

In another embodiment, p and m are 0, R_1 is -halo, x is 1, A is $-C(O)-N(R_4)-$,
20 R_4 is -H, R_8 is -halo, and R_9 is -H. In another embodiment, R_8 is -Cl. In another embodiment, R_8 is -Br. In another embodiment, R_8 is -F.

In another embodiment, p and m are 0, R_1 is -Cl, x is 1, A is $-C(O)-N(R_4)-$, R_4 is -H, R_8 is -halo, and R_9 is -H. In another embodiment, R_8 is -Cl. In another embodiment, R_8 is -Br. In another embodiment, R_8 is -F.

In another embodiment, p and m are 0, R_1 is -halo, x is 1, A is $-C(O)-N(R_4)-$,
25 R_4 is -H, R_8 is -H, and R_9 is $-CH_3$.

In another embodiment, p and m are 0, R_1 is -Cl, x is 1, A is $-C(O)-N(R_4)-$, R_4 is -H, R_8 is -H, and R_9 is $-CH_3$.

In another embodiment, p and m are 0, R_1 is -halo, x is 1, A is $-C(O)-N(R_4)-$,
30 R_4 is -H, R_8 is $-CH_3$, and R_9 is -H.

In another embodiment, p and m are 0, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -CF₃.

5 In another embodiment, p and m are 0, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -CF₃.

In another embodiment, p and m are 0, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CF₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CF₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -OCH₂CH₃.

In another embodiment, p and m are 0, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -OCH₂CH₃.

15 In another embodiment, p and m are 0, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -OCH₂CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -OCH₂CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, and R₈ and R₉ are -H.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -CH₃.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -CF₃.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CF₃, and R₉ is -H.

5 In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -OCH₂CH₃.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -OCH₂CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, 10 R₄ is -H, and R₈ and R₉ are -H.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, 15 R₄ is -H, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -CH₃.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, 20 R₄ is -H, R₈ is -CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -CF₃.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CF₃, and R₉ is -H.

25 In another embodiment, p and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -OCH₂CH₃.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -OCH₂CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, 30 R₄ is -H, R₈ is -*tert*-butyl, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is *-tert*-butyl, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is *-tert*-butyl.

5 In another embodiment, p and m are 0, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is *-tert*-butyl.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is *-tert*-butyl, and R₉ is -H.

10 In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is *-tert*-butyl.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CH₃, and R₉ is -CH₃.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the
15 -C(O)-N(R₄)- group, and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the
20 -C(O)-N(R₄)- group, and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the
25 -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄
30 is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the

-C(O)-N(R₄)- group, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the
10 carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F. In another embodiment, the carbon
15 atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -CH₃. In another embodiment, the carbon atom to
20 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -CH₃. In another embodiment, the carbon atom to
25 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -CH₃, and R₉ is -H. In another embodiment, the carbon atom to
30 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -CF₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -CF₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -OCH₂CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -OCH₂CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-\text{CH}_3$, x is 1, A is $-\text{C}(\text{O})-\text{N}(\text{R}_4)-$, R_4 is $-\text{H}$, R_3 is $-\text{CH}_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
5 $-\text{C}(\text{O})-\text{N}(\text{R}_4)-$ group, R_8 is $-\text{H}$, and R_9 is $-\text{CH}_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-\text{CH}_3$, x is 1, A is $-\text{C}(\text{O})-\text{N}(\text{R}_4)-$, R_4 is $-\text{H}$, R_3 is $-\text{CH}_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
10 $-\text{C}(\text{O})-\text{N}(\text{R}_4)-$ group, R_8 is $-\text{CH}_3$, and R_9 is $-\text{H}$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-\text{CH}_3$, x is 1, A is $-\text{C}(\text{O})-\text{N}(\text{R}_4)-$, R_4 is $-\text{H}$, R_3 is $-\text{CH}_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
15 $-\text{C}(\text{O})-\text{N}(\text{R}_4)-$ group, R_8 is $-\text{H}$, and R_9 is $-\text{CF}_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-\text{CH}_3$, x is 1, A is $-\text{C}(\text{O})-\text{N}(\text{R}_4)-$, R_4 is $-\text{H}$, R_3 is $-\text{CH}_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
20 $-\text{C}(\text{O})-\text{N}(\text{R}_4)-$ group, R_8 is $-\text{CF}_3$, and R_9 is $-\text{H}$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-\text{CH}_3$, x is 1, A is $-\text{C}(\text{O})-\text{N}(\text{R}_4)-$, R_4 is $-\text{H}$, R_3 is $-\text{CH}_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
25 $-\text{C}(\text{O})-\text{N}(\text{R}_4)-$ group, R_8 is $-\text{H}$, and R_9 is $-\text{OCH}_2\text{CH}_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-\text{CH}_3$, x is 1, A is $-\text{C}(\text{O})-\text{N}(\text{R}_4)-$, R_4 is $-\text{H}$, R_3 is $-\text{CH}_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the

-C(O)-N(R₄)- group, R₈ is -OCH₂CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -CF₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -OCH₂CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -*tert*-butyl, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -*tert*-butyl, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -H, and R₉ is -*tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the
5 carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -H, and R₉ is -*tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the
10 carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -*tert*-butyl, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the
15 carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -H, and R₉ is -*tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the
20 carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -CH₃, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon
25 atom to which the R₃ group is attached has the S configuration.

In another embodiment, p and m are 0, R₁ is -halo, x is 0, R₄ is -H, and R₈ and R₉ are -H.

In another embodiment, p and m are 0, R₁ is -Cl, x is 0, R₄ is -H, and R₈ and R₉ are -H.

In another embodiment, p and m are 0, R₁ is -halo, x is 0, R₄ is -H, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, p and m are 0, R₁ is -Cl, x is 0, R₄ is -H, R₈ is -H, and
5 R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, p and m are 0, R₁ is -halo, x is 0, R₄ is -H, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F.

10 In another embodiment, p and m are 0, R₁ is -Cl, x is 0, R₄ is -H, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F.

In another embodiment, p and m are 0, R₁ is -halo, x is 0, R₄ is -H, R₈ is -H, and R₉ is -CH₃.

15 In another embodiment, p and m are 0, R₁ is -Cl, x is 0, R₄ is -H, R₈ is -H, and R₉ is -CH₃.

In another embodiment, p and m are 0, R₁ is -halo, x is 0, R₄ is -H, R₈ is -CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -Cl, x is 0, R₄ is -H, R₈ is -CH₃,
20 and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -halo, x is 0, R₄ is -H, R₈ is -H, and R₉ is -CF₃.

In another embodiment, p and m are 0, R₁ is -Cl, x is 0, R₄ is -H, R₈ is -H, and R₉ is -CF₃.

25 In another embodiment, p and m are 0, R₁ is -halo, x is 0, R₄ is -H, R₈ is -CF₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -Cl, x is 0, R₄ is -H, R₈ is -CF₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -halo, x is 0, R₄ is -H, R₈ is -H,
30 and R₉ is -OCH₂CH₃.

In another embodiment, p and m are 0, R₁ is -Cl, x is 0, R₄ is -H, R₈ is -H, and R₉ is -OCH₂CH₃.

In another embodiment, p and m are 0, R₁ is -halo, x is 0, R₄ is -H, R₈ is -OCH₂CH₃, and R₉ is -H.

5 In another embodiment, p and m are 0, R₁ is -Cl, x is 0, R₄ is -H, R₈ is -OCH₂CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, and R₈ and R₉ are -H.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F.

15 In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -CH₃.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -CF₃.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -CF₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -OCH₂CH₃.

25 In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -OCH₂CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, and R₈ and R₉ are -H.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -CH₃.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -CF₃.

10 In another embodiment, p and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -CF₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -OCH₂CH₃.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -OCH₂CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -halo, x is 0, R₄ is -H, R₈ is -*tert*-butyl, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -Cl, x is 0, R₄ is -H, R₈ is -*tert*-butyl, and R₉ is -H.

20 In another embodiment, p and m are 0, R₁ is -halo, x is 0, R₄ is -H, R₈ is -H, and R₉ is -*tert*-butyl.

In another embodiment, p and m are 0, R₁ is -Cl, x is 0, R₄ is -H, R₈ is -H, and R₉ is -*tert*-butyl.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -*tert*-butyl, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -*tert*-butyl.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -CH₃, and R₉ is -CH₃.

30 In another embodiment, p is 0, m is 1, R₁ is -halo, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl

group, and R_8 and R_9 are -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is -Cl, x is 0, R_4 is -H, R_3 is -CH₃ and
5 is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, and R_8 and R_9 are -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is -halo, x is 0, R_4 is -H, R_3 is -CH₃
10 and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R_8 is -H, and R_9 is -halo. In another embodiment, R_9 is -Cl. In another embodiment, R_9 is -Br. In another embodiment, R_9 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is -Cl, x is 0, R_4 is -H, R_3 is -CH₃ and
15 is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R_8 is -H, and R_9 is -halo. In another embodiment, R_9 is -Cl. In another embodiment, R_9 is -Br. In another embodiment, R_9 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to
20 which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is -halo, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R_8 is -halo, and R_9 is -H. In another embodiment, R_8 is -Cl. In another embodiment, R_8 is -Br. In another embodiment, R_8 is -F. In another embodiment, the carbon atom to
25 which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is -Cl, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R_8 is -halo, and R_9 is -H. In another embodiment, R_8 is -Cl. In another embodiment, R_8 is

-Br. In another embodiment, R_8 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is -halo, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R_8 is -H, and R_9 is -CH₃. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is -Cl, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R_8 is -H, and R_9 is -CH₃. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is -halo, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R_8 is -CH₃, and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is -Cl, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R_8 is -CH₃, and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is -halo, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R_8 is -H, and R_9 is -CF₃. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is -Cl, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R_8 is -H, and R_9 is -CF₃. In another embodiment, the carbon atom to which the R_3 group is

attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R₈ is -CF₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R₈ is -CF₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R₈ is -H, and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R₈ is -H, and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R₈ is -OCH₂CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R₈ is -OCH₂CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃

group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R₈ is -H, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R₈ is -CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl

group, R_8 is -H, and R_9 is -CF₃. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

5 In another embodiment, p is 0, m is 1, R_1 is -CH₃, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R_8 is -CF₃, and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

10 In another embodiment, p is 0, m is 1, R_1 is -CH₃, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R_8 is -H, and R_9 is -OCH₂CH₃. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

15 In another embodiment, p is 0, m is 1, R_1 is -CH₃, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R_8 is -OCH₂CH₃, and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

20 In another embodiment, p is 0, m is 1, R_1 is -CF₃, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, and R_8 and R_9 are -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

25 In another embodiment, p is 0, m is 1, R_1 is -CF₃, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R_8 is -H, and R_9 is -halo. In another embodiment, R_9 is -Cl. In another embodiment, R_9 is -Br. In another embodiment, R_9 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

30 In another embodiment, p is 0, m is 1, R_1 is -CF₃, x is 0, R_4 is -H, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl

group, R_8 is -halo, and R_9 is -H. In another embodiment, R_8 is -Cl. In another embodiment, R_8 is -Br. In another embodiment, R_8 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

5 In another embodiment, p is 0, m is 1, R_1 is $-CF_3$, x is 0, R_4 is -H, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R_8 is -H, and R_9 is $-CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

10 In another embodiment, p is 0, m is 1, R_1 is $-CF_3$, x is 0, R_4 is -H, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R_8 is $-CH_3$, and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

15 In another embodiment, p is 0, m is 1, R_1 is $-CF_3$, x is 0, R_4 is -H, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R_8 is -H, and R_9 is $-CF_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

20 In another embodiment, p is 0, m is 1, R_1 is $-CF_3$, x is 0, R_4 is -H, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R_8 is $-CF_3$, and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

25 In another embodiment, p is 0, m is 1, R_1 is $-CF_3$, x is 0, R_4 is -H, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R_8 is -H, and R_9 is $-OCH_2CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

30 In another embodiment, p is 0, m is 1, R_1 is $-CF_3$, x is 0, R_4 is -H, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl

group, R_8 is $-\text{OCH}_2\text{CH}_3$, and R_9 is $-\text{H}$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is -halo, x is 0, R_3 is $-\text{CH}_3$ and is
5 attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R_4 is $-\text{H}$, R_8 is *-tert-butyl*, and R_9 is $-\text{H}$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-\text{Cl}$, x is 0, R_3 is $-\text{CH}_3$ and is
10 attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R_4 is $-\text{H}$, R_8 is *-tert-butyl*, and R_9 is $-\text{H}$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is -halo, x is 0, R_3 is $-\text{CH}_3$ and is
15 attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R_4 is $-\text{H}$, R_8 is $-\text{H}$, and R_9 is *-tert-butyl*. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-\text{Cl}$, x is 0, R_3 is $-\text{CH}_3$ and is
20 attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R_4 is $-\text{H}$, R_8 is $-\text{H}$, and R_9 is *-tert-butyl*. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-\text{CH}_3$, x is 0, R_3 is $-\text{CH}_3$ and is
25 attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R_4 is $-\text{H}$, R_8 is *-tert-butyl*, and R_9 is $-\text{H}$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-\text{CH}_3$, x is 0, R_3 is $-\text{CH}_3$ and is
30 attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R_4 is $-\text{H}$, R_8 is $-\text{H}$, and R_9 is *-tert-butyl*. In another embodiment, the carbon atom to which the

R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, 5 R₄ is -H, R₈ is -CH₃, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridazinyl group, p is 0, m is 1, R₁ is -CH₃ or -halo, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the 10 nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -H, and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridazinyl group, p is 0, m is 1, R₁ is -CH₃, x 15 is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -H, and R₉ is -Cl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridazinyl group, p is 0, m is 1, R₁ is -halo, x 20 is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -H, and R₉ is -Br. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridazinyl group, p is 0, m is 1, R₁ is -Cl, x is 25 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -H, and R₉ is -Br. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridazinyl group, p is 0, m is 1, R₁ is -CH₃, x 30 is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -H, and R₉ is -F. In another embodiment,

the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a thiazanyl group, p is 0, m is 1, R_1 is $-CH_3$ or -halo, x is 1, A is $-C(O)-N(R_4)-$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ group, R_4 is -H, R_8 is -H, and R_9 is -halo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a thiazanyl group, p is 0, m is 1, R_1 is $-CH_3$, x is 1, A is $-C(O)-N(R_4)-$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ group, R_4 is -H, R_8 is -H, and R_9 is -Cl. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a thiazanyl group, p is 0, m is 1, R_1 is -halo, x is 1, A is $-C(O)-N(R_4)-$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ group, R_4 is -H, R_8 is -H, and R_9 is -Br. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a thiazanyl group, p is 0, m is 1, R_1 is -Cl, x is 1, A is $-C(O)-N(R_4)-$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ group, R_4 is -H, R_8 is -H, and R_9 is -Br. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a thiazanyl group, p is 0, m is 1, R_1 is $-CH_3$, x is 1, A is $-C(O)-N(R_4)-$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ group, R_4 is -H, R_8 is -H, and R_9 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridazinyl group, p is 0, m is 1, R_1 is $-CH_3$ or -halo, x is 0, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R_4 is -H, R_8 is -H, and R_9 is -halo. In another embodiment, the

carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridazinyl group, p is 0, m is 1, R₁ is -CH₃, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R₄ is -H, R₈ is -H, and R₉ is -Cl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridazinyl group, p is 0, m is 1, R₁ is -halo, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R₄ is -H, R₈ is -H, and R₉ is -Br. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridazinyl group, p is 0, m is 1, R₁ is -Cl, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R₄ is -H, R₈ is -H, and R₉ is -Br. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridazinyl group, p is 0, m is 1, R₁ is -CH₃, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R₄ is -H, R₈ is -H, and R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a thiazanyl group, p is 0, m is 1, R₁ is -CH₃ or -halo, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R₄ is -H, R₈ is -H, and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a thiazanyl group, p is 0, m is 1, R₁ is -CH₃, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R₄ is -H, R₈ is -H, and R₉ is -Cl. In another embodiment, the carbon

atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a thiazanyl group, p is 0, m is 1, R_1 is -halo, x is 0, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R_4 is -H, R_8 is -H, and R_9 is -Br. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a thiazanyl group, p is 0, m is 1, R_1 is -Cl, x is 0, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R_4 is -H, R_8 is -H, and R_9 is -Br. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a thiazanyl group, p is 0, m is 1, R_1 is $-CH_3$, x is 0, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoimidazolyl group, R_4 is -H, R_8 is -H, and R_9 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, m is 1 and R_3 is $-(C_1-C_4)alkyl$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ when x is 1 or the benzoimidazolyl group when x is 0. In another embodiment, m is 1 and R_3 is $-(C_1-C_4)alkyl$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ when x is 1 or the benzoimidazolyl group when x is 0 and the carbon to which the R_3 group is attached is in the R configuration.

In another embodiment, m is 1 and R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ when x is 1 or the benzoimidazolyl group when x is 0. In another embodiment, m is 1 and R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ when x is 1 or the benzoimidazolyl group when x is 0 and the carbon to which the R_3 group is attached is in the R configuration.

In another embodiment, m is 1 and R_3 is $-(C_1-C_4)alkyl$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ when x is 1 or the

benzoimidazolyl group when x is 0. In another embodiment, m is 1 and R₃ is -(C₁-C₄)alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- when x is 1 or the benzoimidazolyl group when x is 0 and the carbon to which the R₃ group is attached is in the S configuration.

5 In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- when x is 1 or the benzoimidazolyl group when x is 0. In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- when x is 1 or the benzoimidazolyl group when x is 0 and the carbon to which the R₃ group is attached is
10 in the S configuration.

In another embodiment, m is 1 and R₃ is -(C₁-C₄)alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the pyridazinyl group or thiazanyl group. In another embodiment, m is 1 and R₃ is -(C₁-C₄)alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the pyridazinyl group or thiazanyl group and the carbon to
15 which the R₃ group is attached is in the R configuration.

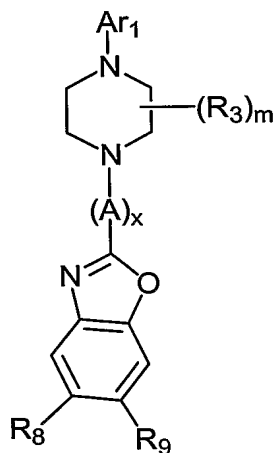
In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the pyridazinyl group or thiazanyl group. In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the pyridazinyl group or thiazanyl group and the carbon to which the R₃ group is
20 attached is in the R configuration.

In another embodiment, m is 1 and R₃ is -(C₁-C₄)alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the pyridazinyl group or thiazanyl group. In another embodiment, m is 1 and R₃ is -(C₁-C₄)alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the pyridazinyl group or thiazanyl group and the carbon to
25 which the R₃ group is attached is in the S configuration.

In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the pyridazinyl group or thiazanyl group. In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the pyridazinyl group or thiazanyl group and the carbon to which the R₃ group is
30 attached is in the S configuration.

4.5 The Compounds of Formula (IIIa)

The present invention encompasses compounds of Formula (IIIa)



(IIIa)

and pharmaceutically acceptable salts thereof, where Ar_1 , R_3 , R_8 , R_9 , A , x , and m , are defined above for the Benzoazolylpiperazine Compounds of formula (IIIa).

In one embodiment, Ar_1 is a pyridyl group.

In another embodiment, Ar_1 is a pyrimidinyl group.

In another embodiment, x is 1 and A is $-C(O)-N(R_4)-$.

In another embodiment, x is 1 and A is $-C(S)-N(R_4)-$.

In another embodiment x is 0.

In another embodiment x is 1.

In another embodiment n or p is 0.

In another embodiment n or p is 1.

In another embodiment m is 0.

In another embodiment m is 1.

In another embodiment, Ar_1 is a pyridyl group, x is 1, and A is $-C(O)N(R_4)-$.

In another embodiment, Ar_1 is a pyridyl group, x is 1, and A is $-C(S)N(R_4)-$.

In another embodiment, Ar_1 is a pyrimidinyl group, x is 1, and A is $-C(O)N(R_4)-$.

In another embodiment, Ar_1 is a pyrimidinyl group, x is 1, and A is $-C(S)N(R_4)-$.

In another embodiment, R_1 is -Cl.

In another embodiment, R_1 is -Br.

In another embodiment, R_1 is -I.

In another embodiment, R_1 is $-(C_1-C_6)$ alkyl.

5 In another embodiment, R_1 is $-CH_3$.

In another embodiment, R_1 is $-NO_2$.

In another embodiment, R_1 is -CN.

In another embodiment, R_1 is -OH.

In another embodiment, R_1 is $-OCH_3$.

10 In another embodiment, R_1 is $-NH_2$.

In another embodiment, R_1 is $-C(halo)_3$.

In another embodiment, R_1 is $-CH(halo)_2$.

In another embodiment, R_1 is $-CH_2(halo)$.

15 In another embodiment, n and p are 1 and R_2 is -halo, -CN, -OH, $-O(C_1-C_6)$ alkyl, $-NO_2$, or $-NH_2$.

In another embodiment, n and p are 1 and R_2 is $-(C_1-C_{10})$ alkyl, $-(C_2-C_{10})$ alkenyl, $-(C_2-C_{10})$ alkynyl, $-(C_3-C_{10})$ cycloalkyl, $-(C_8-C_{14})$ bicycloalkyl, $-(C_8-C_{14})$ tricycloalkyl, $-(C_5-C_{10})$ cycloalkenyl, $-(C_8-C_{14})$ bicycloalkenyl, $-(C_8-C_{14})$ tricycloalkenyl, $-(3- to 7-membered)$ heterocycle, or $-(7- to 10-membered)$ bicycloheterocycle, each of which is
20 unsubstituted or substituted with one or more R_5 groups.

In another embodiment, n and p are 1 and R_2 is -phenyl, -naphthyl, $-(C_{14})$ aryl, or $-(5- to 10-membered)$ heteroaryl, each of which is unsubstituted or substituted with one or more R_6 groups;

25 In another embodiment, m is 1 and R_3 is -halo, -CN, -OH, $-O(C_1-C_6)$ alkyl, $-NO_2$, or $-NH_2$.

In another embodiment, m is 1 and R_3 is $-(C_1-C_{10})$ alkyl, $-(C_2-C_{10})$ alkenyl, $-(C_2-C_{10})$ alkynyl, $-(C_3-C_{10})$ cycloalkyl, $-(C_8-C_{14})$ bicycloalkyl, $-(C_8-C_{14})$ tricycloalkyl, $-(C_5-C_{10})$ cycloalkenyl, $-(C_8-C_{14})$ bicycloalkenyl, $-(C_8-C_{14})$ tricycloalkenyl, $-(3- to 7-membered)$ heterocycle, or $-(7- to 10-membered)$ bicycloheterocycle, each of which is
30 unsubstituted or substituted with one or more R_5 groups.

In another embodiment, m is 1 and R₃ is -phenyl, -naphthyl, -(C₁₄)aryl or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more R₆ groups.

In another embodiment, R₄ is -H.

5 In another embodiment, R₄ is -(C₁-C₆)alkyl.

In another embodiment, R₈ and R₉ are each independently -H, halo, -(C₁-C₆)alkyl, -O(C₁-C₆)alkyl, -C(halo)₃, -CH(halo)₂, or -CH₂(halo).

In another embodiment, at least one of R₈ or R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; x is 1; A is
10 -C(O)-N(R₄)-; R₄ is -H; and R₈ and R₉ are -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; and R₈ and R₉ are -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -H; and R₉ is -halo. In another embodiment, R₉ is -Cl. In
15 another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -H; and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; x is 1; A is -
20 C(O)-N(R₄)-; R₄ is -H; R₈ is -halo; and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F.

In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -halo; and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F.

25 In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -H; and R₉ is -CH₃.

In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -H; and R₉ is -CH₃.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; x is 1; A is
30 -C(O)-N(R₄)-; R₄ is -H; R₈ is -CH₃; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -CH₃; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₄ is -H, R₈ is -H; and R₉ is -CF₃.

5 In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -H; and R₉ is -CF₃.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -CF₃; and R₉ is -H.

10 In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -CF₃; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -H; and R₉ is -OCH₂CH₃.

In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -H; and R₉ is -OCH₂CH₃.

15 In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -OCH₂CH₃; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -OCH₂CH₃; and R₉ is -H.

20 In another embodiment, n, p, and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, and R₈ and R₉ are -H.

In another embodiment, n, p, and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

25 In another embodiment, n, p, and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F.

In another embodiment, n, p, and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -CH₃.

30 In another embodiment, n, p, and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CH₃, and R₉ is -H.

In another embodiment, n, p, and m are 0, R₁ is -CH₃, x is 1, A is

-C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -CF₃.

In another embodiment, n, p, and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CF₃, and R₉ is -H.

In another embodiment, n, p, and m are 0, R₁ is -CH₃, x is 1, A is
5 -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -OCH₂CH₃.

In another embodiment, n, p, and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -OCH₂CH₃, and R₉ is -H.

In another embodiment, n, p, and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, and R₈ and R₉ are -H.

10 In another embodiment, n, p, and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, n, p, and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In
15 another embodiment, R₈ is -Br. In another embodiment, R₈ is -F.

In another embodiment, n, p, and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -CH₃.

In another embodiment, n, p, and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CH₃, and R₉ is -H.

20 In another embodiment, n, p, and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -CF₃.

In another embodiment, n, p, and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CF₃, and R₉ is -H.

In another embodiment, n, p, and m are 0, R₁ is -CF₃, x is 1, A is
25 -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -OCH₂CH₃.

In another embodiment, n, p, and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -OCH₂CH₃, and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -*tert*-butyl; and R₉ is -H.

30 In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -*tert*-butyl; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -H; and R₉ is *-tert*-butyl.

In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₈ is -H; and R₉ is *-tert*-butyl.

5 In another embodiment, n, p, and m are 0; R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is *-tert*-butyl, and R₉ is -H.

In another embodiment, n, p, and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is *-tert*-butyl.

10 In another embodiment, n, p, and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CH₃, and R₉ is -CH₃.

In another embodiment, n is 0, Ar₁ is -2-(3-nitropyridyl)-, m is 0, x is 0, and R₈ and R₉ are -H.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen
15 attached to the -C(O)-N(R₄)- group; and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1, R₁ is -Cl; x is 1, A is -C(O)-N(R₄)-; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen
20 attached to the -C(O)-N(R₄)- group; and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen
25 attached to the -C(O)-N(R₄)- group; R₈ is -H; and R₉ is -halo. In another embodiment R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₈ is -H; and R₉ is -halo. In another embodiment R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another
 5 embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen
 10 attached to the -C(O)-N(R₄)- group; R₈ is -halo; and R₉ is -H. In another embodiment R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, n and p are 0; m is 1; R₁ is -Cl; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₈ is -halo; and R₉ is -H. In another embodiment R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F. In another
 20 embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the
 25 carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the
 30 carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another

5 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another

10 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another

15 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another

20 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another

25 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another

30 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 1; A is

-C(O)-N(R₄)-; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, n and p are 0; m is 1; R₁ is -Cl; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, n and p are 0; m is 1; R₁ is -Cl; x is 1; A is -C(O)-N(R₄)-; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -halo. In another embodiment R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In
30 another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -halo, and R₉ is -H. In another embodiment R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F. In another
5 embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen
10 attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen
15 attached to the -C(O)-N(R₄)- group, R₈ is -CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen
20 attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen
25 attached to the -C(O)-N(R₄)- group, R₈ is -CF₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen
30 attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -OCH₂CH₃. In another embodiment,

the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is $-\text{CH}_3$, x is 1, A is $-\text{C}(\text{O})-\text{N}(\text{R}_4)-$, R_4 is $-\text{H}$, R_3 is $-\text{CH}_3$ and is attached to the carbon atom adjacent to the nitrogen
5 attached to the $-\text{C}(\text{O})-\text{N}(\text{R}_4)-$ group, R_8 is $-\text{OCH}_2\text{CH}_3$, and R_9 is $-\text{H}$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is $-\text{CF}_3$, x is 1, A is $-\text{C}(\text{O})-\text{N}(\text{R}_4)-$, R_4 is $-\text{H}$, R_3 is $-\text{CH}_3$ and is attached to the carbon atom adjacent to the nitrogen
10 attached to the $-\text{C}(\text{O})-\text{N}(\text{R}_4)-$ group, and R_8 and R_9 are $-\text{H}$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is $-\text{CF}_3$, x is 1, A is $-\text{C}(\text{O})-\text{N}(\text{R}_4)-$, R_4 is $-\text{H}$, R_3 is $-\text{CH}_3$ and is attached to the carbon atom adjacent to the nitrogen
15 attached to the $-\text{C}(\text{O})-\text{N}(\text{R}_4)-$ group, R_8 is $-\text{H}$, and R_9 is $-\text{halo}$. In another embodiment R_9 is $-\text{Cl}$. In another embodiment, R_9 is $-\text{Br}$. In another embodiment, R_9 is $-\text{F}$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

20 In another embodiment, n and p are 0, m is 1, R_1 is $-\text{CF}_3$, x is 1, A is $-\text{C}(\text{O})-\text{N}(\text{R}_4)-$, R_4 is $-\text{H}$, R_3 is $-\text{CH}_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-\text{C}(\text{O})-\text{N}(\text{R}_4)-$ group, R_8 is $-\text{halo}$, and R_9 is $-\text{H}$. In another embodiment R_8 is $-\text{Cl}$. In another embodiment, R_8 is $-\text{Br}$. In another embodiment, R_8 is $-\text{F}$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In
25 another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R_1 is $-\text{CF}_3$, x is 1, A is $-\text{C}(\text{O})-\text{N}(\text{R}_4)-$, R_4 is $-\text{H}$, R_3 is $-\text{CH}_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-\text{C}(\text{O})-\text{N}(\text{R}_4)-$ group, R_8 is $-\text{H}$, and R_9 is $-\text{CH}_3$. In another embodiment, the
30 carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another
 5 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another
 10 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -CF₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another
 15 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another
 20 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -OCH₂CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another
 25 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₄ is -H; R₈ is -*tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another
 30 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl; x is 1; A is -C(O)-N(R₄)-; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₄ is -H; R₈ is -*tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another

5 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₄ is -H; R₈ is -H; and R₉ is -*tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another

10 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl; x is 1; A is -C(O)-N(R₄)-; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₄ is -H; R₈ is -H; and R₉ is -*tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another

15 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -*tert*-butyl, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another

20 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -H, and R₉ is -*tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another

25 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -CH₃, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the

30 carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; x is 0; R₄ is -H; and R₈ and R₉ are -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 0; R₄ is -H; and R₈ and R₉ are -H.

5 In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; x is 0; R₄ is -H; R₈ is -H; and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 0; R₄ is -H; R₈ is -H; and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In
10 another embodiment, R₉ is -F.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; x is 0; R₄ is -H; R₈ is -halo; and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F.

In another embodiment, n, p, and m are 0; R₁ is -Cl, x is 0; R₄ is -H; R₈ is -halo; and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In
15 another embodiment, R₈ is -F.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; x is 0; R₄ is -H; R₈ is -H; and R₉ is -CH₃.

In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 0; R₄ is -H; R₈ is -H; and R₉ is -CH₃.
20

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; x is 0; R₄ is -H; R₈ is -CH₃; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 0; R₄ is -H; R₈ is -CH₃; and R₉ is -H.

25 In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; x is 0; R₄ is -H; R₈ is -H; and R₉ is -CF₃.

In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 0; R₄ is -H; R₈ is -H; and R₉ is -CF₃.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; x is 0; R₄ is -H; R₈ is -CF₃; and R₉ is -H.
30

In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 0; R₄ is -H; R₈ is

-CF₃; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; x is 0; R₄ is -H; R₈ is -H; and R₉ is -OCH₂CH₃.

In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 0; R₄ is -H; R₈ is -H;
5 and R₉ is -OCH₂CH₃.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; x is 0; R₄ is -H; R₈ is -OCH₂CH₃; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 0; R₄ is -H; R₈ is -OCH₂CH₃; and R₉ is -H.

10 In another embodiment, n, p, and m are 0; R₁ is -CH₃, x is 0; R₄ is -H, and R₈ and R₉ are -H.

In another embodiment, n, p, and m are 0; R₁ is -CH₃, x is 0; R₄ is -H, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

15 In another embodiment, n, p, and m are 0; R₁ is -CH₃, x is 0; R₄ is -H, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F.

In another embodiment, n, p, and m are 0; R₁ is -CH₃, x is 0; R₄ is -H, R₈ is -H, and R₉ is -CH₃.

20 In another embodiment, n, p, and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -CH₃, and R₉ is -H.

In another embodiment, n, p, and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -CF₃.

In another embodiment, n, p, and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -CF₃, and R₉ is -H.
25

In another embodiment, n, p, and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -OCH₂CH₃.

In another embodiment, n, p, and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -OCH₂CH₃, and R₉ is -H.

30 In another embodiment, n, p, and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, and R₈ and R₉ are -H.

In another embodiment, n, p, and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, n, p, and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F.

In another embodiment, n, p, and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -CH₃.

In another embodiment, n, p, and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -CH₃, and R₉ is -H.

In another embodiment, n, p, and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -CF₃.

In another embodiment, n, p, and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -CF₃, and R₉ is -H.

In another embodiment, n, p, and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -OCH₂CH₃.

In another embodiment, n, p, and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -OCH₂CH₃, and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; x is 0; R₄ is -H; R₈ is -*tert*-butyl; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 0; R₄ is -H; R₈ is -*tert*-butyl; and R₉ is -H.

In another embodiment, n, p, and m are 0; R₁ is -Cl, -Br, or -I; x is 0; R₄ is -H; R₈ is -H; and R₉ is -*tert*-butyl.

In another embodiment, n, p, and m are 0; R₁ is -Cl; x is 0; R₄ is -H; R₈ is -H; and R₉ is -*tert*-butyl.

In another embodiment, n, p, and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -*tert*-butyl, and R₉ is -H.

In another embodiment, n, p, and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -*tert*-butyl.

In another embodiment, n, p, and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is

-CH₃, and R₉ is -CH₃.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 0; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group; and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1, R₁ is -Cl; x is 0; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 0; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl; x is 0; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 0; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1, R₁ is -Cl; x is 0; R₄ is -H; R₃ is

-CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another

5 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 0; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon

10 atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1, R₁ is -Cl; x is 0; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon

15 atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 0; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group; R₈ is -CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon

20 atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl; x is 0; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon

25 atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p 0; m is 1; R₁ is -Cl, -Br, or -I; x is 0; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon

30 atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p 0; m is 1; R₁ is -Cl; x is 0; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which
5 the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 0; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon
10 atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl; x is 0; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon
15 atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 0; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the
20 carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl; x is 0; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the
25 carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 0; R₄ is -H; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the
30 carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl; x is 0; R₄ is -H; R₃ is

-CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -H, and R₉ is -halo. In another embodiment R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -halo, and R₉ is -H. In another embodiment R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -H, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -H, and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -CF₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -H, and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -OCH₂CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CF₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CF₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -H, and R₉ is -halo. In another embodiment R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CF₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -halo, and R₉ is -H. In another embodiment R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F. In another embodiment, the
5 carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CF₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -H, and R₉ is -CH₃. In another embodiment, the carbon atom to
10 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CF₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -CH₃, and R₉ is -H. In another embodiment, the carbon atom to
15 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CF₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -H, and R₉ is -CF₃. In another embodiment, the carbon atom to
20 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CF₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -CF₃, and R₉ is -H. In another embodiment, the carbon atom to
25 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CF₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -H, and R₉ is -OCH₂CH₃. In another embodiment, the carbon
30 atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CF₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -OCH₂CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the
5 carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 0; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group; R₄ is -H, R₈ is *-tert*-butyl, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another
10 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl; x is 0; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group; R₄ is -H; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to
15 which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl, -Br, or -I; x is 0; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group; R₄ is -H; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another
20 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0; m is 1; R₁ is -Cl; x is 0; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group; R₄ is -H; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to
25 which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₄ is -H, R₈ is *-tert*-butyl, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to
30 which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₄ is -H, R₈ is -H, and R₉ is *tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to
5 which the R₃ group is attached has the S configuration.

In another embodiment, n and p are 0, m is 1, R₁ is -CH₃, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₄ is -H, R₈ is -CH₃, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which
10 the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group; n is 0; m is 1; R₁ is -CH₃, -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₄ is -H; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R
15 configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -H, and R₉ is -Cl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration.

20 In another embodiment, Ar₁ is a pyridyl group; n is 0; m is 1; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₄ is -H; R₈ is -H; and R₉ is -Br. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0, m is 1, R₁ is -Cl, x is 1,
25 A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -H, and R₉ is -Br. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen
30 attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -H, and R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration.

In another embodiment, Ar₁ is a pyrimidinyl group; p is 0; m is 1; R₁ is -CH₃, -Cl, -Br, -I; x is 1; A is -C(O)-N(R₄)-; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₄ is -H; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R

5 configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -H, and R₉ is -Cl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration.

10 In another embodiment, Ar₁ is a pyrimidinyl group; p is 0; m is 1; R₁ is -Cl, -Br, or -I; x is 1; A is -C(O)-N(R₄)-; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group; R₄ is -H; R₈ is -H; and R₉ is -Br. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0, m is 1, R₁ is -Cl, x
15 is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -H, and R₉ is -Br. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0, m is 1, R₁ is -CH₃, x
is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen
20 attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -H, and R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration.

In another embodiment, Ar₁ is a pyridyl group; n is 0; m is 1; R₁ is -CH₃, -Cl, -Br, or -I; x is 0; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoxazolyl group; R₄ is -H; R₈ is -H; and R₉ is -halo. In another
25 embodiment, the carbon atom to which the R₃ group is attached has the R configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0, m is 1, R₁ is -CH₃, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzoxazolyl group, R₄ is -H, R₈ is -H, and R₉ is -Cl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration.

30 In another embodiment, Ar₁ is a pyridyl group; n is 0; m is 1; R₁ is -Cl, -Br, or -I; x is 0; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to

the benzooxazolyl group; R₄ is -H; R₈ is -H; and R₉ is -Br. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0, m is 1, R₁ is -Cl, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the

5 benzooxazolyl group, R₄ is -H, R₈ is -H, and R₉ is -Br. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0, m is 1, R₁ is -CH₃, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₄ is -H, R₈ is -H, and R₉ is -F. In another embodiment, the carbon

10 atom to which the R₃ group is attached has the R configuration.

In another embodiment, Ar₁ is a pyrimidinyl group; p is 0; m is 1; R₁ is -CH₃, -Cl, -Br, or -I; x is 0; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group; R₄ is -H; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration.

15 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0, m is 1, R₁ is -CH₃, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₄ is -H, R₈ is -H, and R₉ is -Cl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration.

In another embodiment, Ar₁ is a pyrimidinyl group; p is 0; m is 1; R₁ is -Cl, -Br, or -I; x is 0; R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group; R₄ is -H; R₈ is -H; and R₉ is -Br. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0, m is 1, R₁ is -Cl, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₄ is -H, R₈ is -H, and R₉ is -Br. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0, m is 1, R₁ is -CH₃, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₄ is -H, R₈ is -H, and R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration.

In another embodiment, m is 1 and R₃ is -(C₁-C₄)alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- or the benzooxazolyl group. In another embodiment, m is 1 and R₃ is -(C₁-C₄)alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- or the benzooxazolyl group and
5 the carbon to which the R₃ group is attached is in the R configuration.

In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- or the benzooxazolyl group. In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- or the benzooxazolyl group and the carbon to which the
10 R₃ group is attached is in the R configuration.

In another embodiment, m is 1 and R₃ is -(C₁-C₄)alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- or the benzooxazolyl group. In another embodiment, m is 1 and R₃ is -(C₁-C₄)alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- or the benzooxazolyl group and
15 the carbon to which the R₃ group is attached is in the S configuration.

In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- or the benzooxazolyl group. In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- or the benzooxazolyl group and the carbon to which the
20 R₃ group is attached is in the S configuration.

In another embodiment, m is 1 and R₃ is -(C₁-C₄)alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the pyridyl group or pyrimidinyl group. In another embodiment, m is 1 and R₃ is -(C₁-C₄)alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the pyridyl group or pyrimidinyl group and the carbon to
25 which the R₃ group is attached is in the R configuration.

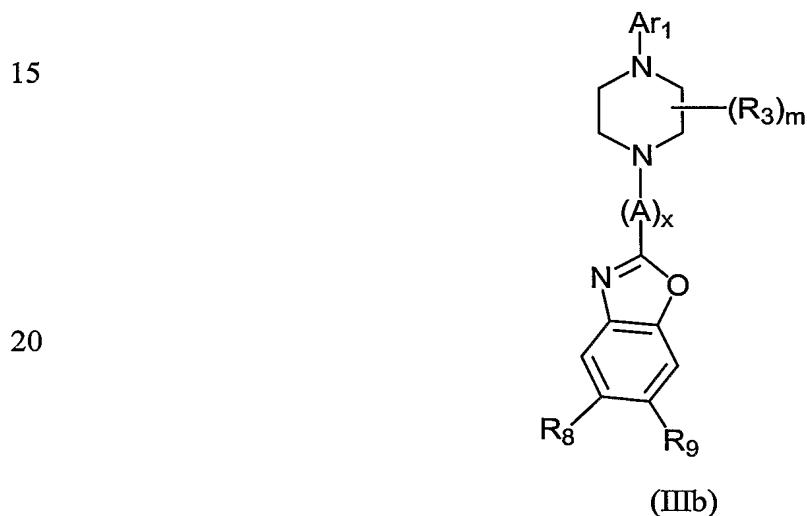
In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the pyridyl group or pyrimidinyl group. In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the pyridyl group or pyrimidinyl group and the carbon to which the R₃ group is
30 attached is in the R configuration.

In another embodiment, m is 1 and R₃ is -(C₁-C₄)alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the pyridyl group or pyrimidinyl group. In another embodiment, m is 1 and R₃ is -(C₁-C₄)alkyl and is attached to the carbon atom adjacent to the nitrogen attached to the pyridyl group or pyrimidinyl group and the carbon to which the R₃ group is attached is in the S configuration.

In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the pyridyl group or pyrimidinyl group. In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the pyridyl group or pyrimidinyl group and the carbon to which the R₃ group is attached is in the S configuration.

4.6 The Compounds of Formula (IIIb)

The present invention also encompasses compounds of formula (IIIb):



and pharmaceutically acceptable salts thereof, where Ar₁, R₃, R₈, R₉, A, x, and m, are defined above for the Benzoazolyloxy piperazine Compounds of formula (IIIb).

In one embodiment, Ar₁ is a pyrazinyl group.

In another embodiment, Ar₁ is a pyridazinyl group.

In another embodiment, Ar₁ is a thiazanyl group.

In another embodiment, x is 1 and A is -C(O)-N(R₄)-.

30 In another embodiment, x is 1 and A is -C(S)-N(R₄)-.

In another embodiment x is 0.

- In another embodiment, x is 1.
- In another embodiment, p is 0.
- In another embodiment, p is 1.
- In another embodiment, m is 0.
- 5 In another embodiment, m is 1.
- In another embodiment, Ar₁ is a pyrazinyl group, x is 1, and A is -C(O)N(R₄)-.
- In another embodiment, Ar₁ is a pyrazinyl group, x is 1, and A is -C(S)N(R₄)-.
- In another embodiment, Ar₁ is a pyridazinyl group, x is 1, and A is
-C(O)N(R₄)-.
- 10 In another embodiment, Ar₁ is a pyridazinyl group, x is 1, and A is
-C(S)N(R₄)-.
- In another embodiment, Ar₁ is a thiazanyl group, x is 1, and A is -C(O)N(R₄)-.
- In another embodiment, Ar₁ is a thiazanyl group, x is 1, and A is -C(S)N(R₄)-.
- In another embodiment, R₁ is -H.
- 15 In another embodiment, R₁ is -Cl.
- In another embodiment, R₁ is -Br.
- In another embodiment, R₁ is -I.
- In another embodiment, R₁ is -F.
- In another embodiment, R₁ is -(C₁-C₆)alkyl.
- 20 In another embodiment, R₁ is -CH₃.
- In another embodiment, R₁ is -NO₂.
- In another embodiment, R₁ is -CN.
- In another embodiment, R₁ is -OH.
- In another embodiment, R₁ is -OCH₃.
- 25 In another embodiment, R₁ is -NH₂.
- In another embodiment, R₁ is -C(halo)₃.
- In another embodiment, R₁ is -CH(halo)₂.
- In another embodiment, R₁ is -CH₂(halo).
- In another embodiment, p is 1 and R₂ is -halo, -CN, -OH, -O(C₁-C₆)alkyl,
30 -NO₂, or -NH₂.

In another embodiment, p is 1 and R₂ is -(C₁-C₁₀)alkyl, -(C₂-C₁₀)alkenyl, -(C₂-C₁₀)alkynyl, -(C₃-C₁₀)cycloalkyl, -(C₈-C₁₄)bicycloalkyl, -(C₈-C₁₄)tricycloalkyl, -(C₅-C₁₀)cycloalkenyl, -(C₈-C₁₄)bicycloalkenyl, -(C₈-C₁₄)tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is

5 unsubstituted or substituted with one or more R₅ groups.

In another embodiment, p is 1 and R₂ is -phenyl, -naphthyl, -(C₁₄)aryl, or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more R₆ groups;

In another embodiment, m is 1 and R₃ is -halo, -CN, -OH, -O(C₁-C₆)alkyl, -NO₂, or -NH₂.

In another embodiment, m is 1 and R₃ is -(C₁-C₁₀)alkyl, -(C₂-C₁₀)alkenyl, -(C₂-C₁₀)alkynyl, -(C₃-C₁₀)cycloalkyl, -(C₈-C₁₄)bicycloalkyl, -(C₈-C₁₄)tricycloalkyl, -(C₅-C₁₀)cycloalkenyl, -(C₈-C₁₄)bicycloalkenyl, -(C₈-C₁₄)tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is

15 unsubstituted or substituted with one or more R₅ groups.

In another embodiment, m is 1 and R₃ is -phenyl, -naphthyl, -(C₁₄)aryl or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more R₆ groups.

In another embodiment, R₄ is -H.

20 In another embodiment, R₄ is -(C₁-C₆)alkyl.

In another embodiment, R₈ and R₉ are each independently -H, halo, -(C₁-C₆)alkyl, -O(C₁-C₆)alkyl, -C(halo)₃, -CH(halo)₂, or -CH₂(halo).

In another embodiment, at least one of R₈ or R₉ is -H.

In another embodiment, p and m are 0, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, and R₈ and R₉ are -H.

In another embodiment, p and m are 0, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, and R₈ and R₉ are -H.

In another embodiment, p and m are 0, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, p and m are 0, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, p and m are 0, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F.

In another embodiment, p and m are 0, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F.

10 In another embodiment, p and m are 0, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -CH₃.

In another embodiment, p and m are 0, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -CH₃.

In another embodiment, p and m are 0, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -CF₃.

20 In another embodiment, p and m are 0, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -CF₃.

In another embodiment, p and m are 0, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CF₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CF₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -OCH₂CH₃.

In another embodiment, p and m are 0, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -OCH₂CH₃.

30 In another embodiment, p and m are 0, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -OCH₂CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -OCH₂CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, and R₈ and R₉ are -H.

5 In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, 10 R₈ is -Br. In another embodiment, R₈ is -F.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -CH₃.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CH₃, and R₉ is -H.

15 In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -CF₃.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CF₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, 20 R₄ is -H, R₈ is -H, and R₉ is -OCH₂CH₃.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -OCH₂CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, and R₈ and R₉ are -H.

25 In another embodiment, p and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, 30 R₈ is -Br. In another embodiment, R₈ is -F.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -CH₃.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CH₃, and R₉ is -H.

5 In another embodiment, p and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -CF₃.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CF₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, 10 R₄ is -H, R₈ is -H, and R₉ is -OCH₂CH₃.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -OCH₂CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -*tert*-butyl, and R₉ is -H.

15 In another embodiment, p and m are 0, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -*tert*-butyl, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -*tert*-butyl.

In another embodiment, p and m are 0, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ 20 is -H, R₈ is -H, and R₉ is -*tert*-butyl.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -*tert*-butyl, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -H, and R₉ is -*tert*-butyl.

25 In another embodiment, p and m are 0, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₈ is -CH₃, and R₉ is -CH₃.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, and R₈ and R₉ are -H. In another embodiment, the carbon atom to which 30 the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to
5 which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon
10 atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another
15 embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the
20 -C(O)-N(R₄)- group, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄
25 is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

30 In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the

-C(O)-N(R₄)- group, R₈ is -H, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the

-C(O)-N(R₄)- group, R₈ is -CF₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -CF₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -OCH₂CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -OCH₂CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the

-C(O)-N(R₄)- group, and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -halo. In another embodiment R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -halo, and R₉ is -H. In another embodiment R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -CF₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -OCH₂CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -H, and R₉ is -halo. In another embodiment R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CF₃, x is 1, A is -C(O)-N(R₄)-, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₈ is -halo, and R₉ is -H. In another embodiment R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F. In another embodiment, the carbon

atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-CF_3$, x is 1, A is $-C(O)-N(R_4)-$, R_4 is -H, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
5 $-C(O)-N(R_4)-$ group, R_8 is -H, and R_9 is $-CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-CF_3$, x is 1, A is $-C(O)-N(R_4)-$, R_4 is -H, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
10 $-C(O)-N(R_4)-$ group, R_8 is $-CH_3$, and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-CF_3$, x is 1, A is $-C(O)-N(R_4)-$, R_4 is -H, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
15 $-C(O)-N(R_4)-$ group, R_8 is -H, and R_9 is $-CF_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-CF_3$, x is 1, A is $-C(O)-N(R_4)-$, R_4 is -H, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
20 $-C(O)-N(R_4)-$ group, R_8 is $-CF_3$, and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-CF_3$, x is 1, A is $-C(O)-N(R_4)-$, R_4 is -H, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
25 $-C(O)-N(R_4)-$ group, R_8 is -H, and R_9 is $-OCH_2CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-CF_3$, x is 1, A is $-C(O)-N(R_4)-$, R_4 is -H, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the

-C(O)-N(R₄)- group, R₈ is -OCH₂CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is halo, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is *-tert*-butyl, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is *-tert*-butyl, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -H, and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -H, and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is *-tert*-butyl, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -H, and R₉ is *-tert*-butyl. In another embodiment, the carbon

atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-CH_3$, x is 1, A is $-C(O)-N(R_4)-$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-$
 5 $N(R_4)-$ group, R_4 is $-H$, R_8 is $-CH_3$, and R_9 is $-CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p and m are 0, R_1 is -halo, x is 0, R_4 is $-H$, and R_8 and R_9 are $-H$.

10 In another embodiment, p and m are 0, R_1 is $-Cl$, x is 0, R_4 is $-H$, and R_8 and R_9 are $-H$.

In another embodiment, p and m are 0, R_1 is -halo, x is 0, R_4 is $-H$, R_8 is $-H$, and R_9 is -halo. In another embodiment, R_9 is $-Cl$. In another embodiment, R_9 is $-Br$. In another embodiment, R_9 is $-F$.

15 In another embodiment, p and m are 0, R_1 is $-Cl$, x is 0, R_4 is $-H$, R_8 is $-H$, and R_9 is -halo. In another embodiment, R_9 is $-Cl$. In another embodiment, R_9 is $-Br$. In another embodiment, R_9 is $-F$.

In another embodiment, p and m are 0, R_1 is -halo, x is 0, R_4 is $-H$, R_8 is -halo, and R_9 is $-H$. In another embodiment, R_8 is $-Cl$. In another embodiment, R_8 is $-Br$. In
 20 another embodiment, R_8 is $-F$.

In another embodiment, p and m are 0, R_1 is $-Cl$, x is 0, R_4 is $-H$, R_8 is -halo, and R_9 is $-H$. In another embodiment, R_8 is $-Cl$. In another embodiment, R_8 is $-Br$. In another embodiment, R_8 is $-F$.

In another embodiment, p and m are 0, R_1 is -halo, x is 0, R_4 is $-H$, R_8 is $-H$,
 25 and R_9 is $-CH_3$.

In another embodiment, p and m are 0, R_1 is $-Cl$, x is 0, R_4 is $-H$, R_8 is $-H$, and R_9 is $-CH_3$.

In another embodiment, p and m are 0, R_1 is -halo, x is 0, R_4 is $-H$, R_8 is $-CH_3$, and R_9 is $-H$.

30 In another embodiment, p and m are 0, R_1 is $-Cl$, x is 0, R_4 is $-H$, R_8 is $-CH_3$, and R_9 is $-H$.

In another embodiment, p and m are 0, R₁ is -halo, x is 0, R₄ is -H, R₈ is -H, and R₉ is -CF₃.

In another embodiment, p and m are 0, R₁ is -Cl, x is 0, R₄ is -H, R₈ is -H, and R₉ is -CF₃.

5 In another embodiment, p and m are 0, R₁ is -halo, x is 0, R₄ is -H, R₈ is -CF₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -Cl, x is 0, R₄ is -H, R₈ is -CF₃, and R₉ is -H.

10 In another embodiment, p and m are 0, R₁ is -halo, x is 0, R₄ is -H, R₈ is -H, and R₉ is -OCH₂CH₃.

In another embodiment, p and m are 0, R₁ is -Cl, x is 0, R₄ is -H, R₈ is -H, and R₉ is -OCH₂CH₃.

In another embodiment, p and m are 0, R₁ is -halo, x is 0, R₄ is -H, R₈ is -OCH₂CH₃, and R₉ is -H.

15 In another embodiment, p and m are 0, R₁ is -Cl, x is 0, R₄ is -H, R₈ is -OCH₂CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, and R₈ and R₉ are -H.

20 In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F.

25 In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -CH₃.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -CH₃, and R₉ is -H.

30 In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -CF₃.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -CF₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -OCH₂CH₃.

5 In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -OCH₂CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, and R₈ and R₉ are -H.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -H, 10 and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F.

15 In another embodiment, p and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -CH₃.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -H, 20 and R₉ is -CF₃.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -CF₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -OCH₂CH₃.

25 In another embodiment, p and m are 0, R₁ is -CF₃, x is 0, R₄ is -H, R₈ is -OCH₂CH₃, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -halo, x is 0, R₄ is -H, R₈ is -*tert*-butyl, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -Cl, x is 0, R₄ is -H, R₈ is -*tert*- 30 butyl, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -halo, x is 0, R₄ is -H, R₈ is -H, and R₉ is -*tert*-butyl.

In another embodiment, p and m are 0, R₁ is -Cl, x is 0, R₄ is -H, R₈ is -H, and R₉ is -*tert*-butyl.

5 In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -*tert*-butyl, and R₉ is -H.

In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -H, and R₉ is -*tert*-butyl.

10 In another embodiment, p and m are 0, R₁ is -CH₃, x is 0, R₄ is -H, R₈ is -CH₃, and R₉ is -CH₃.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, p is 0, m is 1, R₁ is -halo, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -H, and R₉ is -halo. In another embodiment, R₉ is -Cl. In another embodiment, R₉ is

-Br. In another embodiment, R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -halo, and R₉ is -H. In another embodiment, R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -H, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -H, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -H, and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -H, and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -CF₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -CF₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -H, and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -H, and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which
5 the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -halo, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -OCH₂CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to
10 which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -OCH₂CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which
15 the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃
20 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -H, and R₉ is -halo. In another embodiment R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon atom to
25 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -halo, and R₉ is -H. In another embodiment R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F. In another embodiment, the carbon atom to
30 R₈ is -Br. In another embodiment, R₈ is -F. In another embodiment, the carbon atom to

which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl
5 group, R₈ is -H, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl
10 group, R₈ is -CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl
15 group, R₈ is -H, and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl
20 group, R₈ is -CF₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl
25 group, R₈ is -H, and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl
30 group, R₈ is -OCH₂CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the

R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CF₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CF₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -H, and R₉ is -halo. In another embodiment R₉ is -Cl. In another embodiment, R₉ is -Br. In another embodiment, R₉ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CF₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -halo, and R₉ is -H. In another embodiment R₈ is -Cl. In another embodiment, R₈ is -Br. In another embodiment, R₈ is -F. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CF₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -H, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CF₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₈ is -CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CF₃, x is 0, R₄ is -H, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl

group, R_8 is -H, and R_9 is $-CF_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-CF_3$, x is 0, R_4 is -H, R_3 is $-CH_3$
5 and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R_8 is $-CF_3$, and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-CF_3$, x is 0, R_4 is -H, R_3 is $-CH_3$
10 and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R_8 is -H, and R_9 is $-OCH_2CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is $-CF_3$, x is 0, R_4 is -H, R_3 is $-CH_3$
15 and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R_8 is $-OCH_2CH_3$, and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is -halo, x is 0, R_3 is $-CH_3$ and is
20 attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R_4 is -H, R_8 is *-tert*-butyl, and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is -Cl, x is 0, R_3 is $-CH_3$ and is
25 attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R_4 is -H, R_8 is *-tert*-butyl, and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R_1 is -halo, x is 0, R_3 is $-CH_3$ and is
30 attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R_4 is -H, R_8 is -H, and R_9 is *-tert*-butyl. In another embodiment, the carbon atom to which the R_3

group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration

In another embodiment, p is 0, m is 1, R₁ is -Cl, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₄ is -H, R₈ is -H, and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₄ is -H, R₈ is *-tert*-butyl, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₄ is -H, R₈ is -H, and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, p is 0, m is 1, R₁ is -CH₃, x is 0, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R₄ is -H, R₈ is -CH₃, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrazinyl group, p is 0, m is 1, R₁ is -CH₃ or -halo, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -H, and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrazinyl group, p is 0, m is 1, R₁ is -CH₃, x is 1, A is -C(O)-N(R₄)-, R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the -C(O)-N(R₄)- group, R₄ is -H, R₈ is -H, and R₉ is -Cl. In another embodiment,

the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrazinyl group, p is 0, m is 1, R_1 is -halo, x is 1, A is $-C(O)-N(R_4)-$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen
5 attached to the $-C(O)-N(R_4)-$ group, R_4 is -H, R_8 is -H, and R_9 is -Br. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrazinyl group, p is 0, m is 1, R_1 is -Cl, x is 1, A is $-C(O)-N(R_4)-$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen
10 attached to the $-C(O)-N(R_4)-$ group, R_4 is -H, R_8 is -H, and R_9 is -Br. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrazinyl group, p is 0, m is 1, R_1 is $-CH_3$, x is 1, A is $-C(O)-N(R_4)-$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen
15 attached to the $-C(O)-N(R_4)-$ group, R_4 is -H, R_8 is -H, and R_9 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridazinyl group, p is 0, m is 1, R_1 is $-CH_3$ or -halo, x is 1, A is $-C(O)-N(R_4)-$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the
20 nitrogen attached to the $-C(O)-N(R_4)-$ group, R_4 is -H, R_8 is -H, and R_9 is -halo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridazinyl group, p is 0, m is 1, R_1 is $-CH_3$, x
25 is 1, A is $-C(O)-N(R_4)-$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ group, R_4 is -H, R_8 is -H, and R_9 is -Cl. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridazinyl group, p is 0, m is 1, R_1 is -halo, x
30 is 1, A is $-C(O)-N(R_4)-$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ group, R_4 is -H, R_8 is -H, and R_9 is -Br. In another embodiment,

the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridazinyl group, p is 0, m is 1, R_1 is -Cl, x is 1, A is -C(O)-N(R_4)-, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen
 5 attached to the -C(O)-N(R_4)- group, R_4 is -H, R_8 is -H, and R_9 is -Br. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridazinyl group, p is 0, m is 1, R_1 is -CH₃, x is 1, A is -C(O)-N(R_4)-, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen
 10 attached to the -C(O)-N(R_4)- group, R_4 is -H, R_8 is -H, and R_9 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a thiazanyl group, p is 0, m is 1, R_1 is -CH₃ or -halo, x is 1, A is -C(O)-N(R_4)-, R_3 is -CH₃ and is attached to the carbon atom adjacent to the
 15 nitrogen attached to the -C(O)-N(R_4)- group, R_4 is -H, R_8 is -H, and R_9 is -halo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a thiazanyl group, p is 0, m is 1, R_1 is -CH₃, x is 1, A is -C(O)-N(R_4)-, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen
 20 attached to the -C(O)-N(R_4)- group, R_4 is -H, R_8 is -H, and R_9 is -Cl. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a thiazanyl group, p is 0, m is 1, R_1 is -halo, x is 1, A is -C(O)-N(R_4)-, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen
 25 attached to the -C(O)-N(R_4)- group, R_4 is -H, R_8 is -H, and R_9 is -Br. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a thiazanyl group, p is 0, m is 1, R_1 is -Cl, x is 1, A is -C(O)-N(R_4)-, R_3 is -CH₃ and is attached to the carbon atom adjacent to the nitrogen
 30 attached to the -C(O)-N(R_4)- group, R_4 is -H, R_8 is -H, and R_9 is -Br. In another embodiment,

the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a thiazanyl group, p is 0, m is 1, R_1 is $-CH_3$, x is 1, A is $-C(O)-N(R_4)-$, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ group, R_4 is $-H$, R_8 is $-H$, and R_9 is $-F$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrazinyl group, p is 0, m is 1, R_1 is $-CH_3$ or $-halo$, x is 0, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R_4 is $-H$, R_8 is $-H$, and R_9 is $-halo$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrazinyl group, p is 0, m is 1, R_1 is $-CH_3$, x is 0, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R_4 is $-H$, R_8 is $-H$, and R_9 is $-Cl$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrazinyl group, p is 0, m is 1, R_1 is $-halo$, x is 0, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R_4 is $-H$, R_8 is $-H$, and R_9 is $-Br$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrazinyl group, p is 0, m is 1, R_1 is $-Cl$, x is 0, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R_4 is $-H$, R_8 is $-H$, and R_9 is $-Br$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrazinyl group, p is 0, m is 1, R_1 is $-CH_3$, x is 0, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the benzooxazolyl group, R_4 is $-H$, R_8 is $-H$, and R_9 is $-F$. In another embodiment, the carbon

atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridazinyl group, p is 0, m is 1, R_1 is $-CH_3$ or -halo, x is 0, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to
5 the benzooxazolyl group, R_4 is -H, R_8 is -H, and R_9 is -halo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridazinyl group, p is 0, m is 1, R_1 is $-CH_3$, x is 0, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
10 benzooxazolyl group, R_4 is -H, R_8 is -H, and R_9 is -Cl. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridazinyl group, p is 0, m is 1, R_1 is -halo, x is 0, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
15 benzooxazolyl group, R_4 is -H, R_8 is -H, and R_9 is -Br. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridazinyl group, p is 0, m is 1, R_1 is -Cl, x is 0, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
20 benzooxazolyl group, R_4 is -H, R_8 is -H, and R_9 is -Br. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridazinyl group, p is 0, m is 1, R_1 is $-CH_3$, x is 0, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
25 benzooxazolyl group, R_4 is -H, R_8 is -H, and R_9 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a thiazanyl group, p is 0, m is 1, R_1 is $-CH_3$ or -halo, x is 0, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to
30 the benzooxazolyl group, R_4 is -H, R_8 is -H, and R_9 is -halo. In another embodiment, the

carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a thiazanyl group, p is 0, m is 1, R_1 is $-CH_3$, x is 0, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
 5 benzooxazolyl group, R_4 is -H, R_8 is -H, and R_9 is -Cl. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a thiazanyl group, p is 0, m is 1, R_1 is -halo, x is 0, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
 10 benzooxazolyl group, R_4 is -H, R_8 is -H, and R_9 is -Br. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a thiazanyl group, p is 0, m is 1, R_1 is -Cl, x is 0, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
 15 benzooxazolyl group, R_4 is -H, R_8 is -H, and R_9 is -Br. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a thiazanyl group, p is 0, m is 1, R_1 is $-CH_3$, x is 0, R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the
 20 benzooxazolyl group, R_4 is -H, R_8 is -H, and R_9 is -F. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, m is 1 and R_3 is $-(C_1-C_4)alkyl$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ when x is 1 or the
 25 benzooxazolyl group when x is 0. In another embodiment, m is 1 and R_3 is $-(C_1-C_4)alkyl$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ when x is 1 or the benzooxazolyl group when x is 0 and the carbon to which the R_3 group is attached is in the R configuration.

In another embodiment, m is 1 and R_3 is $-CH_3$ and is attached to the carbon
 30 atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ when x is 1 or the benzooxazolyl group when x is 0. In another embodiment, m is 1 and R_3 is $-CH_3$ and is attached to the

carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ when x is 1 or the benzooxazolyl group when x is 0 and the carbon to which the R_3 group is attached is in the R configuration.

In another embodiment, m is 1 and R_3 is $-(C_1-C_4)alkyl$ and is attached to the
5 carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ when x is 1 or the benzooxazolyl group when x is 0. In another embodiment, m is 1 and R_3 is $-(C_1-C_4)alkyl$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ when x is 1 or the benzooxazolyl group when x is 0 and the carbon to which the R_3 group is attached is in the S configuration.

10 In another embodiment, m is 1 and R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ when x is 1 or the benzooxazolyl group when x is 0. In another embodiment, m is 1 and R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the $-C(O)-N(R_4)-$ when x is 1 or the benzooxazolyl group when x is 0 and the carbon to which the R_3 group is attached is in the S
15 configuration.

In another embodiment, m is 1 and R_3 is $-(C_1-C_4)alkyl$ and is attached to the carbon atom adjacent to the nitrogen attached to the pyrazinyl group, pyridazinyl group, or thiazanyl group. In another embodiment, m is 1 and R_3 is $-(C_1-C_4)alkyl$ and is attached to the carbon atom adjacent to the nitrogen attached to the pyrazinyl group, pyridazinyl group, or
20 thiazanyl group and the carbon to which the R_3 group is attached is in the R configuration.

In another embodiment, m is 1 and R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the pyrazinyl group, pyridazinyl group, or thiazanyl group. In another embodiment, m is 1 and R_3 is $-CH_3$ and is attached to the carbon atom adjacent to the nitrogen attached to the pyrazinyl group, pyridazinyl group, or thiazanyl group
25 and the carbon to which the R_3 group is attached is in the R configuration.

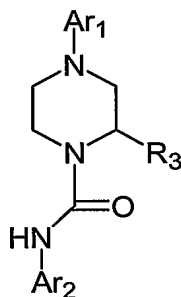
In another embodiment, m is 1 and R_3 is $-(C_1-C_4)alkyl$ and is attached to the carbon atom adjacent to the nitrogen attached to the pyrazinyl group, pyridazinyl group, or thiazanyl group. In another embodiment, m is 1 and R_3 is $-(C_1-C_4)alkyl$ and is attached to the carbon atom adjacent to the nitrogen attached to the pyrazinyl group, pyridazinyl group, or
30 thiazanyl group and the carbon to which the R_3 group is attached is in the S configuration.

In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the pyrazinyl group, pyridazinyl group, or thiazanyl group. In another embodiment, m is 1 and R₃ is -CH₃ and is attached to the carbon atom adjacent to the nitrogen attached to the pyrazinyl group, pyridazinyl group, or thiazanyl group
 5 and the carbon to which the R₃ group is attached is in the S configuration.

4.7 The Compounds of Formula (IVa)

The present invention also encompasses compounds of formula (IVa):

10



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(IVa)

and pharmaceutically acceptable salts thereof, where Ar₁, Ar₂, and R₃, are defined above for the Benzoazolyloppiperazine Compounds of formula (IVa).

In one embodiment, Ar₁ is a pyridyl group.

20

In another embodiment, Ar₁ is a pyrimidinyl group.

In another embodiment, Ar₂ is a benzothiazolyl group.

In another embodiment, Ar₂ is a benzooxazolyl group.

In another embodiment, Ar₂ is a benzoimidazolyl group.

In another embodiment, n or p is 0.

25

In another embodiment, n or p is 1.

In another embodiment, R₁ is -Cl.

In another embodiment, R₁ is -Br.

In another embodiment, R₁ is -I.

In another embodiment, R₁ is -F.

30

In another embodiment, R₁ is -(C₁-C₆)alkyl.

In another embodiment, R₁ is -CH₃.

In another embodiment, R_1 is $-\text{NO}_2$.

In another embodiment, R_1 is $-\text{CN}$.

In another embodiment, R_1 is $-\text{OH}$.

In another embodiment, R_1 is $-\text{OCH}_3$.

5 In another embodiment, R_1 is $-\text{NH}_2$.

In another embodiment, R_1 is $-\text{C}(\text{halo})_3$.

In another embodiment, R_1 is $-\text{CH}(\text{halo})_2$.

In another embodiment, R_1 is $-\text{CH}_2(\text{halo})$.

10 In another embodiment, n and p are 1 and R_2 is $-\text{halo}$, $-\text{CN}$, $-\text{OH}$, $-\text{O}(\text{C}_1-\text{C}_6)\text{alkyl}$, $-\text{NO}_2$, or $-\text{NH}_2$.

In another embodiment, n and p are 1 and R_2 is $-(\text{C}_1-\text{C}_{10})\text{alkyl}$, $-(\text{C}_2-\text{C}_{10})\text{alkenyl}$, $-(\text{C}_2-\text{C}_{10})\text{alkynyl}$, $-(\text{C}_3-\text{C}_{10})\text{cycloalkyl}$, $-(\text{C}_8-\text{C}_{14})\text{bicycloalkyl}$, $-(\text{C}_8-\text{C}_{14})\text{tricycloalkyl}$, $-(\text{C}_5-\text{C}_{10})\text{cycloalkenyl}$, $-(\text{C}_8-\text{C}_{14})\text{bicycloalkenyl}$, $-(\text{C}_8-\text{C}_{14})\text{tricycloalkenyl}$, $-(3\text{- to } 7\text{-membered})\text{heterocycle}$, or $-(7\text{- to } 10\text{-membered})\text{bicycloheterocycle}$, each of which is
15 unsubstituted or substituted with one or more R_5 groups.

In another embodiment, n and p are 1 and R_2 is $-\text{phenyl}$, $-\text{naphthyl}$, $-(\text{C}_{14})\text{aryl}$, or $-(5\text{- to } 10\text{-membered})\text{heteroaryl}$, each of which is unsubstituted or substituted with one or more R_6 groups;

In another embodiment, R_3 is $-\text{H}$.

20 In another embodiment, R_3 is $-\text{CH}_3$.

In another embodiment, R_8 and R_9 are each independently $-\text{H}$, halo , $-(\text{C}_1-\text{C}_6)\text{alkyl}$, $-\text{O}(\text{C}_1-\text{C}_6)\text{alkyl}$, $-\text{C}(\text{halo})_3$, $-\text{CH}(\text{halo})_2$, or $-\text{CH}_2(\text{halo})$.

In another embodiment, at least one of R_8 and R_9 is $-\text{H}$.

25 In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-\text{H}$; R_1 is $-\text{F}$, $-\text{Cl}$, $-\text{Br}$, or $-\text{I}$; Ar_2 is a benzothiazolyl group; and R_8 and R_9 are $-\text{H}$.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-\text{H}$; R_1 is $-\text{F}$; Ar_2 is a benzothiazolyl group; and R_8 and R_9 are $-\text{H}$.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-\text{H}$; R_1 is $-\text{F}$, $-\text{Cl}$, $-\text{Br}$, or $-\text{I}$; Ar_2 is a benzothiazolyl group; R_8 is $-\text{H}$; and R_9 is $-\text{halo}$.

30 In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-\text{H}$; R_1 is $-\text{F}$; Ar_2 is a benzothiazolyl group; R_8 is $-\text{H}$; and R_9 is $-\text{chloro}$.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -bromo.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -fluoro.

5 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -iodo.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -halo; and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -chloro; and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -bromo; and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -fluoro; and R₉ is -H.

15 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -iodo; and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -halo, and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -chloro, and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -bromo, and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -fluoro, and R₉ is -H.

25 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -iodo, and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CH₃.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -H, and R₉ is -CH₃.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -CH₃; and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -CH₃, and R₉ is -H.

5 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CF₃.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CF₃.

10 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -CF₃; and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -CF₃; and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃.

15 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃.

In another embodiment Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H.

20 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is *-tert*-butyl; and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is *-tert*-butyl; and R₉ is -H.

25 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is *-tert*-butyl.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is *-tert*-butyl.

30 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; and R₈ and R₉ are -H. In another embodiment, the

carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$; Ar_2 is a benzothiazolyl group, and R_8 and R_9 are $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$, $-Cl$, $-Br$, or $-I$; Ar_2 is a benzothiazolyl group; R_8 is $-H$; and R_9 is $-halo$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$, Ar_2 is a benzothiazolyl group; R_8 is $-H$; and R_9 is $-chloro$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$, Ar_2 is a benzothiazolyl group; R_8 is $-H$; and R_9 is $-bromo$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$, Ar_2 is a benzothiazolyl group; R_8 is $-H$; and R_9 is $-fluoro$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$, Ar_2 is a benzothiazolyl group; R_8 is $-H$; and R_9 is $-iodo$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$, $-Cl$, $-Br$, or $-I$; Ar_2 is a benzothiazolyl group; R_8 is $-halo$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -halo, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -chloro, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -bromo, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -fluoro, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

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atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$; Ar_2 is a benzothiazolyl group; R_8 is $-iodo$, and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$, $-Cl$, $-Br$, or $-I$; Ar_2 is a benzothiazolyl group; R_8 is $-H$; and R_9 is $-CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$; Ar_2 is a benzothiazolyl group; R_8 is $-H$, and R_9 is $-CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$, $-Cl$, $-Br$, or $-I$; Ar_2 is a benzothiazolyl group; R_8 is $-CH_3$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$; Ar_2 is a benzothiazolyl group; R_8 is $-CH_3$, and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$, $-Cl$, $-Br$, or $-I$; Ar_2 is a benzothiazolyl group; R_8 is $-H$; and R_9 is $-CF_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$; Ar_2 is a benzothiazolyl group; R_8 is $-H$; and R_9 is $-CF_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

30 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; and R₈ and R₉ are -H.

15 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzothiazolyl group; and R₈ and R₉ are -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -halo.

20 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -chloro.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -bromo.

25 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -fluoro.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -iodo.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -halo; and R₉ is -H.

30 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -chloro; and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -bromo; and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -fluoro; and R₉ is -H.

5 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -iodo; and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -halo, and R₉ is -H.

10 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -chloro, and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -bromo, and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -fluoro, and R₉ is -H.

15 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -iodo, and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CH₃.

20 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -H, and R₉ is -CH₃.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -CH₃; and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -CH₃, and R₉ is -H.

25 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CF₃.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CF₃.

30 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -CF₃; and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -CF₃; and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃.

5 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃.

In another embodiment Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H.

In another embodiment, Ar₁ Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; 10 F; Ar₂ is a benzothiazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -*tert*-butyl; and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -*tert*-butyl; and R₉ is -H.

15 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -*tert*-butyl.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -*tert*-butyl.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; ; Ar₂ is a benzothiazolyl group; and R₈ and R₉ are -H. In another 20 embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; 25 Ar₂ is a benzothiazolyl group; and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -halo. In another 30 embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In

another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In

another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -fluoro; and R₉ is -H. In another
5 embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -iodo; and R₉ is -H. In another
10 embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -halo, and R₉ is -H. In another embodiment, the carbon
15 atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -chloro, and R₉ is -H. In another embodiment, the carbon
20 atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -bromo, and R₉ is -H. In another embodiment, the carbon
atom to which the R₃ group is attached has the R configuration. In another embodiment, the
carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -fluoro, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F;
30 Ar₂ is a benzothiazolyl group; R₈ is -iodo, and R₉ is -H. In another embodiment, the carbon

atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_3 is $-CH_3$; R_1 is $-F$, $-Cl$, $-Br$, or $-I$; Ar_2 is a benzothiazolyl group; R_8 is $-H$; and R_9 is $-CH_3$. In another
5 embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_3 is $-CH_3$; R_1 is $-F$; Ar_2 is a benzothiazolyl group; R_8 is $-H$, and R_9 is $-CH_3$. In another embodiment, the carbon
10 atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_3 is $-CH_3$; R_1 is $-F$, $-Cl$, $-Br$, or $-I$; Ar_2 is a benzothiazolyl group; R_8 is $-CH_3$; and R_9 is $-H$. In another
embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In
15 another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_3 is $-CH_3$; R_1 is $-F$; Ar_2 is a benzothiazolyl group; R_8 is $-CH_3$, and R_9 is $-H$. In another embodiment, the carbon
atom to which the R_3 group is attached has the R configuration. In another embodiment, the
20 carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_3 is $-CH_3$; R_1 is $-F$, $-Cl$, $-Br$, or $-I$; Ar_2 is a benzothiazolyl group; R_8 is $-H$; and R_9 is $-CF_3$. In another
embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In
another embodiment, the carbon atom to which the R_3 group is attached has the S
25 configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_3 is $-CH_3$; R_1 is $-F$; Ar_2 is a benzothiazolyl group; R_8 is $-H$; and R_9 is $-CF_3$. In another embodiment, the carbon
atom to which the R_3 group is attached has the R configuration. In another embodiment, the
carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_3 is $-CH_3$; R_1 is $-F$, $-Cl$, $-Br$, or $-I$; Ar_2 is a benzothiazolyl group; R_8 is $-CF_3$; and R_9 is $-H$. In another
30

embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; 5 Ar₂ is a benzothiazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another 10 embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another 15 embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another 20 embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the 25 carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is *-tert*-butyl; and R₉ is -H. In another 30 embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -
15 Br, or, -I; ; Ar₂ is a benzoimidazolyl group; and R₈ and R₉ are -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzoimidazolyl group, and R₈ and R₉ are -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -
Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -halo.

20 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -chloro.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -bromo.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, Ar₂ is
25 a benzoimidazolyl group; R₈ is -H; and R₉ is -fluoro.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -iodo.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -
Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -halo; and R₉ is -H.

30 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -
Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -chloro; and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -bromo; and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -fluoro; and R₉ is -H.

5 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -iodo; and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -halo, and R₉ is -H.

10 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -chloro, and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -bromo, and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -fluoro, and R₉ is -H.

15 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -iodo, and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CH₃.

20 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -H, and R₉ is -CH₃.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -CH₃; and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -CH₃, and R₉ is -H.

25 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CF₃.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CF₃.

30 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -CF₃; and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -CF₃; and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃.

5 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃.

In another embodiment Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H.

10 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -*tert*-butyl; and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -*tert*-butyl; and R₉ is -H.

15 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -*tert*-butyl.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -*tert*-butyl.

20 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzoimidazolyl group; and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

30 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -halo, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F; Ar₂ 15 is a benzoimidazolyl group; R₈ is -chloro, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -bromo, and R₉ is -H. In another embodiment, the carbon 20 atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -fluoro, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the 25 carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -iodo, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

30 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CH₃. In another

embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$; Ar_2 is a benzoimidazolyl group; R_8 is $-H$, and R_9 is $-CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$, $-Cl$, $-Br$, or $-I$; Ar_2 is a benzoimidazolyl group; R_8 is $-CH_3$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$; Ar_2 is a benzoimidazolyl group; R_8 is $-CH_3$, and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$, $-Cl$, $-Br$, or $-I$; Ar_2 is a benzoimidazolyl group; R_8 is $-H$; and R_9 is $-CF_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$; Ar_2 is a benzoimidazolyl group; R_8 is $-H$; and R_9 is $-CF_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$, $-Cl$, $-Br$, or $-I$; Ar_2 is a benzoimidazolyl group; R_8 is $-CF_3$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$; Ar_2 is a benzoimidazolyl group; R_8 is $-CF_3$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In

another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the
5 carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; and R₈ and R₉ are -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F;
10 Ar₂ is a benzoimidazolyl group, and R₈ and R₉ are -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -halo.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -chloro.

15 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -bromo.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -fluoro.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F,
20 Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -iodo.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -halo; and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -chloro; and R₉ is -H.

25 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -bromo; and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -fluoro; and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -
30 Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -iodo; and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -halo, and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -chloro, and R₉ is -H.

5 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -bromo, and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -fluoro, and R₉ is -H.

10 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -iodo, and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CH₃.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -H, and R₉ is -CH₃.

15 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -CH₃; and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -CH₃, and R₉ is -H.

20 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CF₃.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CF₃.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -CF₃; and R₉ is -H.

25 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -CF₃; and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃.

30 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃.

In another embodiment Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H.

In another embodiment, Ar₁ Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, Ar₂ is a benzoimidazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H.

5 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is *-tert*-butyl; and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is *-tert*-butyl; and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is R₁ is
10 -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is *-tert*-butyl.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is *-tert*-butyl.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; and R₈ and R₉ are -H. In another
15 embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzoimidazolyl group; and R₈ and R₉ are -H. In another embodiment, the carbon
20 atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -halo. In another
25 embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the
30 carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, 10 Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -halo; and R₉ is -H. In another 15 embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -chloro; and R₉ is -H. In another 20 embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -bromo; and R₉ is -H. In another 25 embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -fluoro; and R₉ is -H. In another 30 embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In

another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -iodo; and R₉ is -H. In another
5 embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -halo, and R₉ is -H. In another embodiment, the carbon
10 atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -chloro, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another
15 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -bromo, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another
embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -fluoro, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -iodo, and R₉ is -H. In another embodiment, the carbon
25 atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; ; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CH₃. In another
30 embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In

another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -H, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon

atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another
5 embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the
10 carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In
15 another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another
20 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S
25 configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

30 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In

another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -*tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; and R₈ and R₉ are -H.

10 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzooxazolyl group, and R₈ and R₉ are -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -halo.

15 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -chloro.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -bromo.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -fluoro.

20 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -iodo.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -halo; and R₉ is -H.

25 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -chloro; and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -bromo; and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -fluoro; and R₉ is -H.

30 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -iodo; and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -halo, and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -chloro, and R₉ is -H.

5 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -bromo, and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -fluoro, and R₉ is -H.

10 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -iodo, and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -CH₃.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -H, and R₉ is -CH₃.

15 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -CH₃; and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -CH₃, and R₉ is -H.

20 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -CF₃.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -CF₃.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -CF₃; and R₉ is -H.

25 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -CF₃; and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃.

30 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃.

In another embodiment Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H.

In another embodiment, Ar₁ Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H.

5 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is *-tert*-butyl; and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is *-tert*-butyl; and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is *-tert*-butyl.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -H; R₁ is R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is *-tert*-butyl.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzooxazolyl group; and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon

atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$, Ar_2 is a benzooxazolyl group; R_8 is $-H$; and R_9 is $-fluoro$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$, Ar_2 is a benzooxazolyl group; R_8 is $-H$; and R_9 is $-iodo$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$, $-Cl$, $-Br$, or $-I$; Ar_2 is a benzooxazolyl group; R_8 is $-halo$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$, $-Cl$, $-Br$, or $-I$; Ar_2 is a benzooxazolyl group; R_8 is $-chloro$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$, $-Cl$, $-Br$, or $-I$; Ar_2 is a benzooxazolyl group; R_8 is $-bromo$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$, $-Cl$, $-Br$, or $-I$; Ar_2 is a benzooxazolyl group; R_8 is $-fluoro$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$, $-Cl$, $-Br$, or $-I$; Ar_2 is a benzooxazolyl group; R_8 is $-iodo$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -halo, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -chloro, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F; Ar₂ 10 is a benzooxazolyl group; R₈ is -bromo, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -fluoro, and R₉ is -H. In another embodiment, the carbon 15 atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -iodo, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon 20 atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; ; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -H, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the 30

carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$; Ar_2 is a benzooxazolyl group; R_8 is $-CH_3$, and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$, $-Cl$, $-Br$, or $-I$; Ar_2 is a benzooxazolyl group; R_8 is $-H$; and R_9 is $-CF_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$; Ar_2 is a benzooxazolyl group; R_8 is $-H$; and R_9 is $-CF_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$, $-Cl$, $-Br$, or $-I$; Ar_2 is a benzooxazolyl group; R_8 is $-CF_3$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$; Ar_2 is a benzooxazolyl group; R_8 is $-CF_3$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$, $-Cl$, $-Br$, or $-I$; Ar_2 is a benzooxazolyl group; R_8 is $-H$; and R_9 is $-OCH_2CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_3 is $-CH_3$; R_1 is $-F$; Ar_2 is a benzooxazolyl group; R_8 is $-H$; and R_9 is $-OCH_2CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S

5 configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is -F; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is R₁ is -
20 F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₃ is -CH₃; R₁ is R₁ is -
25 F; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; ; Ar₂ is a benzooxazolyl group; and R₈ and R₉ are -H.

30 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzooxazolyl group, and R₈ and R₉ are -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -halo.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -chloro.

5 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -bromo.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -fluoro.

10 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -iodo.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -halo; and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -chloro; and R₉ is -H.

15 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -bromo; and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -fluoro; and R₉ is -H.

20 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -iodo; and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -halo, and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -chloro, and R₉ is -H.

25 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -bromo, and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -fluoro, and R₉ is -H.

30 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -iodo, and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -CH₃.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -H, and R₉ is -CH₃.

5 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -CH₃; and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -CH₃, and R₉ is -H.

10 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -CF₃.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -CF₃.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -CF₃; and R₉ is -H.

15 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -CF₃; and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃.

20 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃.

In another embodiment Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H.

25 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is *-tert*-butyl; and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is *-tert*-butyl; and R₉ is -H.

30 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is *-tert*-butyl.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -H; R₁ is R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is *-tert*-butyl.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or, -I; Ar₂ is a benzooxazolyl group; and R₈ and R₉ are -H. In another
5 embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, Ar₂ is a benzooxazolyl group, and R₈ and R₉ are -H. In another embodiment, the carbon atom
10 to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -halo. In another
15 embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -chloro. In another
20 embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -bromo. In another
25 embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -fluoro. In another
30 embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S

5 configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, 15 Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon 20 atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In 25 another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In 30 another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S

5 configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S

10 configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S

15 configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -halo, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -chloro, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; 25 Ar₂ is a benzooxazolyl group; R₈ is -bromo, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -fluoro, and R₉ is -H. In another embodiment, the carbon 30 atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -iodo, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -H, and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -CH₃, and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

30 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is *tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In

another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

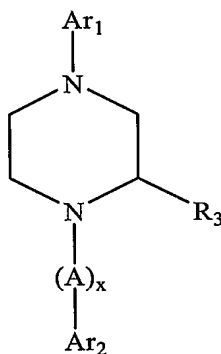
In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is -F; R₈ is -*tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -*tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₃ is -CH₃; R₁ is R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -*tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

4.8 The Compounds of Formula (IVb)

The present invention also encompasses compounds of formula (IVb):



(IVb)

and pharmaceutically acceptable salts thereof, where Ar₁, Ar₂, A, R₃ and x are defined above for the Benzoazolypiperazine Compounds of formula (IVb).

In one embodiment, Ar₁ is a pyridyl group.

In another embodiment, Ar₁ is a pyrimidinyl group.

In another embodiment, n or p is 0.

In another embodiment, n or p is 1.

In another embodiment, x is 0.

In another embodiment, x is 1.

5 In another embodiment, R₁ is -F.

In another embodiment, R₁ is -Cl.

In another embodiment, R₁ is -Br.

In another embodiment, R₁ is -I.

In another embodiment, R₁ is -(C₁-C₆)alkyl.

10 In another embodiment, R₁ is -CH₃.

In another embodiment, R₁ is -NO₂.

In another embodiment, R₁ is -CN.

In another embodiment, R₁ is -OH.

In another embodiment, R₁ is -OCH₃.

15 In another embodiment, R₁ is -NH₂.

In another embodiment, R₁ is -C(halo)₃.

In another embodiment, R₁ is -CH(halo)₂.

In another embodiment, R₁ is -CH₂(halo).

20 In another embodiment, n and p are 1 and R₂ is -halo, -CN, -OH, -O(C₁-C₆)alkyl, -NO₂, or -NH₂.

In another embodiment, n and p are 1 and R₂ is -(C₁-C₁₀)alkyl, -(C₂-C₁₀)alkenyl, -(C₂-C₁₀)alkynyl, -(C₃-C₁₀)cycloalkyl, -(C₈-C₁₄)bicycloalkyl, -(C₈-C₁₄)tricycloalkyl, -(C₅-C₁₀)cycloalkenyl, -(C₈-C₁₄)bicycloalkenyl, -(C₈-C₁₄)tricycloalkenyl, -(3- to 7-membered)heterocycle, or -(7- to 10-membered)bicycloheterocycle, each of which is

25 unsubstituted or substituted with one or more R₅ groups.

In another embodiment, n and p are 1 and R₂ is -phenyl, -naphthyl, -(C₁₄)aryl, or -(5- to 10-membered)heteroaryl, each of which is unsubstituted or substituted with one or more R₆ groups;

In another embodiment, x is 1 and A is -C(O)N(R₄)-

30 In another embodiment, x is 1, A is -C(O)N(R₄)-, and R₄ is -H.

In another embodiment, x is 1, A is -C(O)N(R₄)-, and R₄ is -CH₃.

In another embodiment, x is 1 and A is -C(S)N(R₄)-.

In another embodiment, x is 1, A is -C(S)N(R₄)-, and R₄ is -H.

In another embodiment, x is 1, A is -C(S)N(R₄)-, and R₄ is -CH₃.

In another embodiment, Ar₂ is a benzothiazolyl group.

5 In another embodiment, Ar₂ is a benzoimidazolyl group.

In another embodiment, Ar₂ is a benzooxazolyl group.

In another embodiment, R₈ and R₉ are each independently -H, halo, -(C₁-C₆)alkyl, -O(C₁-C₆)alkyl, -C(halo)₃, -CH(halo)₂, or -CH₂(halo).

In another embodiment, at least one of R₈ or R₉ is -H.

10 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, -Br, or -I; R₄ is -H; Ar₂ is a benzothiazolyl group; and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; R₄ is -H; Ar₂ is a benzothiazolyl group and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

30 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon

atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzothiazolyl group; R_8 is -H; and R_9 is -iodo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F; Ar_2 is a benzothiazolyl group; R_8 is -H; and R_9 is -halo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F; Ar_2 is a benzothiazolyl group; R_8 is -H; and R_9 is -chloro. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F; Ar_2 is a benzothiazolyl group; R_8 is -H; and R_9 is -bromo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F; Ar_2 is a benzothiazolyl group; R_8 is -H; and R_9 is -fluoro. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F; Ar_2 is a benzothiazolyl group; R_8 is -H; and R_9 is -iodo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzothiazolyl group; R_8 is -halo; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -chloro; and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; Ar₂ is a
10 benzothiazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon
15 atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon
20 atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, Br, or -I;
30 Ar₂ is a benzothiazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon

atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F; Ar_2 is a benzothiazolyl group; R_8 is $-CF_3$; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F, -Cl, Br, or -I; Ar_2 is a benzothiazolyl group; R_8 is -H; and R_9 is $-OCH_2CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F; Ar_2 is a benzothiazolyl group; R_8 is -H; and R_9 is $-OCH_2CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F, -Cl, Br, or -I; Ar_2 is a benzothiazolyl group; R_8 is $-OCH_2CH_3$; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F; Ar_2 is a benzothiazolyl group; R_8 is $-OCH_2CH_3$; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is $-CH_3$; Ar_2 is a benzothiazolyl group; R_8 is -H; and R_9 is -halo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is $-CH_3$; Ar_2 is a benzothiazolyl group; R_8 is -H; and R_9 is -chloro. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a
10 benzothiazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to
15 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon
20 atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a
30 benzothiazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon atom to

which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is $-CH_3$; Ar_2 is a benzothiazolyl group; R_8 is $-H$; and R_9 is $-CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is $-CH_3$; Ar_2 is a benzothiazolyl group; R_8 is $-CH_3$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is $-CH_3$; Ar_2 is a benzothiazolyl group; R_8 is $-H$; and R_9 is $-CF_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is $-CH_3$; Ar_2 is a benzothiazolyl group; R_8 is $-CF_3$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is $-CH_3$; Ar_2 is a benzothiazolyl group; R_8 is $-H$; and R_9 is $-OCH_2CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is $-CH_3$; Ar_2 is a benzothiazolyl group; R_8 is $-OCH_2CH_3$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is $-CF_3$; Ar_2 is a benzothiazolyl group; and R_8 and R_9 are $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a
10 benzothiazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to
15 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to
20 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to
which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a
30 benzothiazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to

which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

30 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -CH₃; and R₉ is -CH₃. In another embodiment, the carbon atom to

which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or -I; R₄ is -H; Ar₂ is a benzothiazolyl group; and R₈ and R₉ are -H. In another embodiment, 5 the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; R₄ is -H; Ar₂ is a benzothiazolyl group and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon 10 atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or 20 -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, 25 the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another 30 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -Cl; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -Cl; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -Cl; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -Cl; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -Cl; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the

carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the
5 carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another
10 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a
20 benzothiazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom to
25 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon
30 atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to

30

which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the
5 carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the
10 carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a
20 benzothiazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the carbon atom to
25 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon
30 atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a
10 benzothiazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to
15 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon
20 atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a
30 benzothiazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to

which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to
5 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to
10 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to
which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a
20 benzothiazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; and R₈ and R₉ are -H. In another embodiment, the carbon atom to
25 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to
30 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

30 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom to

which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is $-CF_3$; Ar_2 is a benzothiazolyl group; R_8 is -iodo; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is $-CF_3$; Ar_2 is a benzothiazolyl group; R_8 is -H; and R_9 is $-CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is $-CF_3$; Ar_2 is a benzothiazolyl group; R_8 is $-CH_3$; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is $-CF_3$; Ar_2 is a benzothiazolyl group; R_8 is -H; and R_9 is $-CF_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is $-CF_3$; Ar_2 is a benzothiazolyl group; R_8 is $-CF_3$; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is $-CF_3$; Ar_2 is a benzothiazolyl group; R_8 is -H; and R_9 is $-OCH_2CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is $-CF_3$; Ar_2 is a benzothiazolyl group; R_8 is $-OCH_2CH_3$; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, 10 or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon atom 15 to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon 20 atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -CH₃; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, -Br, or -I; 30 R₄ is -H; Ar₂ is a benzoimidazolyl group; and R₈ and R₉ are -H. In another embodiment, the

carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F, R_4 is -H; Ar_2 is a benzoimidazolyl group and R_8 and R_9 are -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -halo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -chloro. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -bromo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -fluoro. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -iodo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -Cl; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -halo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -Cl; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -Cl; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -Cl; Ar₂ is a
10 benzoimidazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -Cl; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to
15 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the
20 carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, -Br, or -I;
30 Ar₂ is a benzoimidazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the

carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzoimidazolyl group; R_8 is -iodo; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F; Ar_2 is a benzoimidazolyl group; R_8 is -halo; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F; Ar_2 is a benzoimidazolyl group; R_8 is -chloro; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F; Ar_2 is a benzoimidazolyl group; R_8 is -bromo; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F; Ar_2 is a benzoimidazolyl group; R_8 is -fluoro; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F; Ar_2 is a benzoimidazolyl group; R_8 is -iodo; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F, -Cl, Br, or -I; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -CH₃. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; Ar₂ is a
10 benzoimidazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon
15 atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon
20 atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, Br, or -I;
30 Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the

carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is $-OCH_2CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F, -Cl, Br, or -I; Ar_2 is a benzoimidazolyl group; R_8 is $-OCH_2CH_3$; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F; Ar_2 is a benzoimidazolyl group; R_8 is $-OCH_2CH_3$; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is $-CH_3$; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -halo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is $-CH_3$; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -chloro. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is $-CH_3$; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -bromo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is $-CH_3$; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -fluoro. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

30 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to

which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is $-CH_3$; Ar_2 is a benzoimidazolyl group; R_8 is $-H$; and R_9 is $-CF_3$. In another embodiment, the carbon atom to
5 which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is $-CH_3$; Ar_2 is a benzoimidazolyl group; R_8 is $-CF_3$; and R_9 is $-H$. In another embodiment, the carbon atom to
10 which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is $-CH_3$; Ar_2 is a benzoimidazolyl group; R_8 is $-H$; and R_9 is $-OCH_2CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

15 In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is $-CH_3$; Ar_2 is a benzoimidazolyl group; R_8 is $-OCH_2CH_3$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is $-CF_3$; Ar_2 is a
20 benzoimidazolyl group; and R_8 and R_9 are $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is $-CF_3$; Ar_2 is a benzoimidazolyl group; R_8 is $-H$; and R_9 is $-halo$. In another embodiment, the carbon atom to
25 which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is $-CF_3$; Ar_2 is a benzoimidazolyl group; R_8 is $-H$; and R_9 is $-chloro$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon
30 atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a
10 benzoimidazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to
15 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon
20 atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a
30 benzoimidazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon atom to

which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to
5 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon
10 atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a
20 benzoimidazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon
25 atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another
30 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; Ar₂ is a
10 benzoimidazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon
15 atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon
20 atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -CH₃; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or -I; R₄ is -H; Ar₂ is a benzoimidazolyl group; and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, R₄ is -H; Ar₂ is a benzoimidazolyl group and R₈ and R₉ are -H. In another embodiment, the carbon
30

atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -halo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -chloro. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -bromo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -fluoro. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -iodo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is -Cl; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -halo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is -Cl; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -chloro. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -Cl; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -Cl; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -Cl; Ar₂ is a
10 benzoimidazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the
15 carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -chloro; and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the
20 carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the
25 carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the
30 carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a
10 benzoimidazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom
15 to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon
20 atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, Br, or
30 -I; Ar₂ is a benzoimidazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the

carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is -F; Ar_2 is a benzoimidazolyl group; R_8 is $-CH_3$; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is -F, -Cl, Br, or -I; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is $-CF_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is -F; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is $-CF_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is -F, -Cl, Br, or -I; Ar_2 is a benzoimidazolyl group; R_8 is $-CF_3$; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is -F; Ar_2 is a benzoimidazolyl group; R_8 is $-CF_3$; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is -F, -Cl, Br, or -I; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is $-OCH_2CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is -F; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is $-OCH_2CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a
10 benzoimidazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the carbon atom
15 to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon
20 atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a
30 benzoimidazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to

which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is $-CH_3$; Ar_2 is a benzoimidazolyl group; R_8 is -chloro; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is $-CH_3$; Ar_2 is a benzoimidazolyl group; R_8 is -bromo; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is $-CH_3$; Ar_2 is a benzoimidazolyl group; R_8 is -fluoro; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is $-CH_3$; Ar_2 is a benzoimidazolyl group; R_8 is -iodo; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is $-CH_3$; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is $-CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is $-CH_3$; Ar_2 is a benzoimidazolyl group; R_8 is $-CH_3$; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is $-CH_3$; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is $-CF_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

30 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom

to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is $-CF_3$; Ar_2 is a benzoimidazolyl group; R_8 is $-H$; and R_9 is $-iodo$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is $-CF_3$; Ar_2 is a benzoimidazolyl group; R_8 is $-halo$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is $-CF_3$; Ar_2 is a benzoimidazolyl group; R_8 is $-chloro$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is $-CF_3$; Ar_2 is a benzoimidazolyl group; R_8 is $-bromo$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is $-CF_3$; Ar_2 is a benzoimidazolyl group; R_8 is $-fluoro$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is $-CF_3$; Ar_2 is a benzoimidazolyl group; R_8 is $-iodo$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is $-CF_3$; Ar_2 is a benzoimidazolyl group; R_8 is $-H$; and R_9 is $-CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

30 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment,

the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is -F; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -*tert*-butyl. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is -CH₃; Ar_2 is a benzoimidazolyl group; R_8 is -*tert*-butyl; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is -CH₃; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -*tert*-butyl. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is -CH₃; Ar_2 is a benzoimidazolyl group; R_8 is -CH₃; and R_9 is -CH₃. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F, -Cl, -Br, or -I; R_4 is -H; Ar_2 is a benzooxazolyl group; and R_8 and R_9 are -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F, R_4 is -H; Ar_2 is a benzooxazolyl group and R_8 and R_9 are -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzooxazolyl group; R_8 is -H; and R_9 is -halo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, -Br, or -I; 10 Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon 15 atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -Cl; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon 20 atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -Cl; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -Cl; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -Cl; Ar₂ is a 30 benzooxazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to

which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -Cl; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -chloro; and R₉ is -H.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to

which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to
5 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom to
10 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon atom to
which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; Ar₂ is a
20 benzooxazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon
25 atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to
30 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, Br, or -I; 10 Ar₂ is a benzooxazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to 15 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another 20 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; Ar₂ is a 30 benzooxazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon

atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzoxazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzoxazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzoxazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzoxazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzoxazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzoxazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzoxazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzooxazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzooxazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzooxazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzooxazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzooxazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

30 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon

atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is $-CH_3$; Ar_2 is a benzooxazolyl group; R_8 is $-OCH_2CH_3$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is $-CF_3$; Ar_2 is a benzooxazolyl group; and R_8 and R_9 are $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is $-CF_3$; Ar_2 is a benzooxazolyl group; R_8 is $-H$; and R_9 is $-halo$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is $-CF_3$; Ar_2 is a benzooxazolyl group; R_8 is $-H$; and R_9 is $-chloro$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is $-CF_3$; Ar_2 is a benzooxazolyl group; R_8 is $-H$; and R_9 is $-bromo$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is $-CF_3$; Ar_2 is a benzooxazolyl group; R_8 is $-H$; and R_9 is $-fluoro$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group, n is 0; R_1 is $-CF_3$; Ar_2 is a benzooxazolyl group; R_8 is $-H$; and R_9 is $-iodo$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzooxazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzooxazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a
10 benzooxazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzooxazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom to
15 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzooxazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon atom to
20 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to
which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzooxazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a
30 benzooxazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to

which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzooxazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CF₃; Ar₂ is a benzooxazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzooxazolyl group; R₈ is -*tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -*tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyridyl group, n is 0; R₁ is -CH₃; Ar₂ is a benzooxazolyl group; R₈ is -CH₃; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or -I; R₄ is -H; Ar₂ is a benzooxazolyl group; and R₈ and R₉ are -H. In another embodiment, 15 the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, R₄ is -H; Ar₂ is a benzooxazolyl group and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon 20 atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or 30 -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the

carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzooxazolyl group; R_8 is -H; and R_9 is -fluoro. In another embodiment, the
5 carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzooxazolyl group; R_8 is -H; and R_9 is -iodo. In another embodiment, the
10 carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is -Cl; Ar_2 is a benzooxazolyl group; R_8 is -H; and R_9 is -halo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

15 In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is -Cl; Ar_2 is a benzooxazolyl group; R_8 is -H; and R_9 is -chloro. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is -Cl; Ar_2 is a
20 benzooxazolyl group; R_8 is -H; and R_9 is -bromo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is -Cl; Ar_2 is a benzooxazolyl group; R_8 is -H; and R_9 is -fluoro. In another embodiment, the carbon atom to
25 which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is -Cl; Ar_2 is a benzooxazolyl group; R_8 is -H; and R_9 is -iodo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon
30 atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -chloro; and R₉ is -H.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another
10 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a
20 benzooxazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to
25 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon
30 atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

30 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to

which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzooxazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzooxazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzooxazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

30 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzooxazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom to

which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is $-CH_3$; Ar_2 is a benzooxazolyl group; R_8 is -iodo; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is $-CH_3$; Ar_2 is a benzooxazolyl group; R_8 is -H; and R_9 is $-CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is $-CH_3$; Ar_2 is a benzooxazolyl group; R_8 is $-CH_3$; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is $-CH_3$; Ar_2 is a benzooxazolyl group; R_8 is -H; and R_9 is $-CF_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is $-CH_3$; Ar_2 is a benzooxazolyl group; R_8 is $-CF_3$; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is $-CH_3$; Ar_2 is a benzooxazolyl group; R_8 is -H; and R_9 is $-OCH_2CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group, p is 0; R_1 is $-CH_3$; Ar_2 is a benzooxazolyl group; R_8 is $-OCH_2CH_3$; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzooxazolyl group; and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

30 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzooxazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzooxazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to

which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzooxazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzooxazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzooxazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzooxazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzooxazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CF₃; Ar₂ is a benzooxazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br,
10 or -I; Ar₂ is a benzooxazolyl group; R₈ is -*tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -*tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom
15 to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -*tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another
20 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -*tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a benzooxazolyl group; R₈ is -*tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group, p is 0; R₁ is -CH₃; Ar₂ is a
30 benzooxazolyl group; R₈ is -H; and R₉ is -*tert*-butyl. In another embodiment, the carbon atom

to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl, p is 0; R_1 is $-CH_3$; Ar_2 is a benzooxazolyl group; R_8 is $-CH_3$; and R_9 is $-CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F, -Cl, -Br, or -I; R_4 is -H; Ar_2 is a benzothiazolyl group; and R_8 and R_9 are -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F, R_4 is -H; Ar_2 is a benzothiazolyl group and R_8 and R_9 are -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzothiazolyl group; R_8 is -H; and R_9 is -halo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzothiazolyl group; R_8 is -H; and R_9 is -chloro. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzothiazolyl group; R_8 is -H; and R_9 is -bromo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzothiazolyl group; R_8 is -H; and R_9 is -fluoro. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -Cl; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -Cl; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -Cl; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -Cl; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -Cl; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

30 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the

carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzothiazolyl group; R_8 is -bromo; and R_9 is -H. In another embodiment, the
5 carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzothiazolyl group; R_8 is -fluoro; and R_9 is -H. In another embodiment, the
10 carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzothiazolyl group; R_8 is -iodo; and R_9 is -H. In another embodiment, the carbon
atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon
atom to which the R_3 group is attached has the S configuration.

15 In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F; Ar_2 is a benzothiazolyl group; R_8 is -halo; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon
atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F; Ar_2 is a
20 benzothiazolyl group; R_8 is -chloro; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon
atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F; Ar_2 is a
25 benzothiazolyl group; R_8 is -bromo; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon
atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F; Ar_2 is a
benzothiazolyl group; R_8 is -fluoro; and R_9 is -H. In another embodiment, the carbon atom to
which the R_3 group is attached has the R configuration. In another embodiment, the carbon
30 atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon

30

atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F; Ar_2 is a benzothiazolyl group; R_8 is $-CF_3$; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F, -Cl, Br, or -I; Ar_2 is a benzothiazolyl group; R_8 is -H; and R_9 is $-OCH_2CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F; Ar_2 is a benzothiazolyl group; R_8 is -H; and R_9 is $-OCH_2CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F, -Cl, Br, or -I; Ar_2 is a benzothiazolyl group; R_8 is $-OCH_2CH_3$; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F; Ar_2 is a benzothiazolyl group; R_8 is $-OCH_2CH_3$; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is $-CH_3$; Ar_2 is a benzothiazolyl group; R_8 is -H; and R_9 is -halo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is $-CH_3$; Ar_2 is a benzothiazolyl group; R_8 is -H; and R_9 is -chloro. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a
10 benzothiazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to
15 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to
20 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to
which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a
30 benzothiazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon atom to

which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a
10 benzothiazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to
15 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon
20 atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a
30 benzothiazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to

which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom to
5 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon atom to
10 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to
which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a
20 benzothiazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a
benzothiazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to
25 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a
benzothiazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon
atom to which the R₃ group is attached has the R configuration. In another embodiment, the
30 carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

30 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -CH₃; and R₉ is -CH₃. In another embodiment, the carbon atom to

which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group and p is 0; R₁ is -F, -Cl, -Br, or -I; R₄ is -H; Ar₂ is a benzothiazolyl group; and R₈ and R₉ are -H. In another
5 embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group and p is 0; R₁ is -F, R₄ is -H; Ar₂ is a benzothiazolyl group and R₈ and R₉ are -H. In another embodiment, the carbon
10 atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group and p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another
15 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group and p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another
embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, Ar₁ is a pyrimidinyl group and p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group and p is 0; R₁ is -F, -Cl, -
25 Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group and p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the
30 carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -Cl; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -Cl; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -Cl; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -Cl; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -Cl; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

30 In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment,

the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinidyl group and p is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzothiazolyl group; R_8 is -fluoro; and R_9 is -H. In another embodiment, 5 the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinidyl group and p is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzothiazolyl group; R_8 is -iodo; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another 10 embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinidyl group and p is 0; R_1 is -F; Ar_2 is a benzothiazolyl group; R_8 is -halo; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

15 In another embodiment, Ar_1 is a pyrimidinidyl group and p is 0; R_1 is -F; Ar_2 is a benzothiazolyl group; R_8 is -chloro; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinidyl group and p is 0; R_1 is -F; Ar_2 is 20 a benzothiazolyl group; R_8 is -bromo; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinidyl group and p is 0; R_1 is -F; Ar_2 is a benzothiazolyl group; R_8 is -fluoro; and R_9 is -H. In another embodiment, the carbon atom 25 to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinidyl group and p is 0; R_1 is -F; Ar_2 is a benzothiazolyl group; R_8 is -iodo; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon 30 atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to

30

which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group and p is 0; R_1 is -F, -Cl, Br, or -I; Ar_2 is a benzothiazolyl group; R_8 is -H; and R_9 is $-OCH_2CH_3$. In another

5 embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group and p is 0; R_1 is -F; Ar_2 is a benzothiazolyl group; R_8 is -H; and R_9 is $-OCH_2CH_3$. In another embodiment, the carbon
10 atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group and p is 0; R_1 is -F, -Cl, Br, or -I; Ar_2 is a benzothiazolyl group; R_8 is $-OCH_2CH_3$; and R_9 is -H. In another
embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In
15 another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group and p is 0; R_1 is -F; Ar_2 is a benzothiazolyl group; R_8 is $-OCH_2CH_3$; and R_9 is -H. In another embodiment, the carbon
atom to which the R_3 group is attached has the R configuration. In another embodiment, the
20 carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group and p is 0; R_1 is $-CH_3$; Ar_2 is a benzothiazolyl group; R_8 is -H; and R_9 is -halo. In another embodiment, the carbon atom
to which the R_3 group is attached has the R configuration. In another embodiment, the carbon
atom to which the R_3 group is attached has the S configuration.

25 In another embodiment, Ar_1 is a pyrimidinyl group and p is 0; R_1 is $-CH_3$; Ar_2 is a benzothiazolyl group; R_8 is -H; and R_9 is -chloro. In another embodiment, the carbon
atom to which the R_3 group is attached has the R configuration. In another embodiment, the
carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group and p is 0; R_1 is $-CH_3$; Ar_2
30 is a benzothiazolyl group; R_8 is -H; and R_9 is -bromo. In another embodiment, the carbon

atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinidyl group and p is 0; R_1 is $-CH_3$; Ar_2 is a benzothiazolyl group; R_8 is $-H$; and R_9 is $-fluoro$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinidyl group and p is 0; R_1 is $-CH_3$; Ar_2 is a benzothiazolyl group; R_8 is $-H$; and R_9 is $-iodo$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinidyl group and p is 0; R_1 is $-CH_3$; Ar_2 is a benzothiazolyl group; R_8 is $-halo$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinidyl group and p is 0; R_1 is $-CH_3$; Ar_2 is a benzothiazolyl group; R_8 is $-chloro$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinidyl group and p is 0; R_1 is $-CH_3$; Ar_2 is a benzothiazolyl group; R_8 is $-bromo$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinidyl group and p is 0; R_1 is $-CH_3$; Ar_2 is a benzothiazolyl group; R_8 is $-fluoro$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinidyl group and p is 0; R_1 is $-CH_3$; Ar_2 is a benzothiazolyl group; R_8 is $-iodo$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom

to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group and p is 0; R_1 is $-CF_3$; Ar_2 is a benzothiazolyl group; R_8 is $-H$; and R_9 is $-chloro$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group and p is 0; R_1 is $-CF_3$; Ar_2 is a benzothiazolyl group; R_8 is $-H$; and R_9 is $-bromo$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group and p is 0; R_1 is $-CF_3$; Ar_2 is a benzothiazolyl group; R_8 is $-H$; and R_9 is $-fluoro$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group and p is 0; R_1 is $-CF_3$; Ar_2 is a benzothiazolyl group; R_8 is $-H$; and R_9 is $-iodo$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group and p is 0; R_1 is $-CF_3$; Ar_2 is a benzothiazolyl group; R_8 is $-halo$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group and p is 0; R_1 is $-CF_3$; Ar_2 is a benzothiazolyl group; R_8 is $-chloro$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group and p is 0; R_1 is $-CF_3$; Ar_2 is a benzothiazolyl group; R_8 is $-bromo$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

30 In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -CF₃; Ar₂ is a benzothiazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon

atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group and p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is *-tert*-butyl; and R₉ is -H. In another
5 embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group and p is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon
10 atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group and p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another
embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In
15 another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group and p is 0; R₁ is -F; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon
atom to which the R₃ group is attached has the R configuration. In another embodiment, the
20 carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group and p is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon
atom to which the R₃ group is attached has the R configuration. In another embodiment, the
carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyrimidinyl group and p is 0; R₁ is -CH₃; Ar₂ is a benzothiazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon
atom to which the R₃ group is attached has the R configuration. In another embodiment, the
carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group and p is 0; R₁ is -CH₃; Ar₂
30 is a benzothiazolyl group; R₈ is -CH₃; and R₉ is -CH₃. In another embodiment, the carbon

atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F, -Cl, -Br, or -I; R_4 is -H; Ar_2 is a benzoimidazolyl group; and R_8 and R_9 are -H. In another embodiment, 5 the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F; R_4 is -H; Ar_2 is a benzoimidazolyl group and R_8 and R_9 are -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon 10 atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -halo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

15 In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -chloro. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -bromo. In another embodiment, the 20 carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -fluoro. In another embodiment, the 25 carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -iodo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another 30 embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -Cl; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -Cl; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -Cl; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -Cl; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -Cl; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

30 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the

carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzoimidazolyl group; R_8 is -fluoro; and R_9 is -H. In another embodiment, the
5 carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzoimidazolyl group; R_8 is -iodo; and R_9 is -H. In another embodiment, the
10 carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F; Ar_2 is a benzoimidazolyl group; R_8 is -halo; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

15 In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F; Ar_2 is a benzoimidazolyl group; R_8 is -chloro; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F; Ar_2 is a
20 benzoimidazolyl group; R_8 is -bromo; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F; Ar_2 is a
25 benzoimidazolyl group; R_8 is -fluoro; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F; Ar_2 is a
30 benzoimidazolyl group; R_8 is -iodo; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F, -Cl, Br, or -
10 I; Ar₂ is a benzoimidazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to
15 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another
20 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F; Ar₂ is a
30 benzoimidazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to

which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the
5 carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the
10 carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a
20 benzoimidazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the carbon atom
25 to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon
30 atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

30 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to

which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to
5 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to
10 atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to
which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a
20 benzoimidazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; and R₈ and R₉ are -H. In another embodiment, the carbon atom to
25 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to
30 atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a
10 benzoimidazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to
15 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to
20 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a
30 benzoimidazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom

to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is $-CF_3$; Ar_2 is a benzoimidazolyl group; R_8 is -iodo; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is $-CF_3$; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is $-CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is $-CF_3$; Ar_2 is a benzoimidazolyl group; R_8 is $-CH_3$; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is $-CF_3$; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is $-CF_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is $-CF_3$; Ar_2 is a benzoimidazolyl group; R_8 is $-CF_3$; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is $-CF_3$; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is $-OCH_2CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is $-CF_3$; Ar_2 is a benzoimidazolyl group; R_8 is $-OCH_2CH_3$; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F, -Cl, -Br, or -
10 I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon
15 atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon
20 atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon
atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -CH₃; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinyl group and p is 0; R₁ is -F, -Cl, -
30 Br, or -I; R₄ is -H; Ar₂ is a benzoimidazolyl group; and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In

another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -F, R₄ is -H; Ar₂ is a benzoimidazolyl group and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -Cl; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -Cl; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -Cl; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -Cl; Ar₂ is
10 a benzoimidazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -Cl; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom
15 to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another
20 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -F, -Cl, -
30 Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment,

the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, 5 the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon 10 atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -F; Ar₂ is 20 a benzoimidazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon atom 25 to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another 30 embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, 15 the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon 20 atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -CF₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -F, -Cl, 30 Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -OCH₂CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In

another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinidyl group and p is 0; R_1 is -F; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -OCH₂CH₃. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinidyl group and p is 0; R_1 is -F, -Cl, Br, or -I; Ar_2 is a benzoimidazolyl group; R_8 is -OCH₂CH₃; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinidyl group and p is 0; R_1 is -F; Ar_2 is a benzoimidazolyl group; R_8 is -OCH₂CH₃; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinidyl group and p is 0; R_1 is -CH₃; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -halo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinidyl group and p is 0; R_1 is -CH₃; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -chloro. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinidyl group and p is 0; R_1 is -CH₃; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -bromo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinidyl group and p is 0; R_1 is -CH₃; Ar_2 is a benzoimidazolyl group; R_8 is -H; and R_9 is -fluoro. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

15 In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

30 In another embodiment, Ar₁ is a pyriminidyl group and p is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon

atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group and p is 0; R_1 is $-CH_3$; Ar_2 is a benzoimidazolyl group; R_8 is $-H$; and R_9 is $-CF_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group and p is 0; R_1 is $-CH_3$; Ar_2 is a benzoimidazolyl group; R_8 is $-CF_3$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group and p is 0; R_1 is $-CH_3$; Ar_2 is a benzoimidazolyl group; R_8 is $-H$; and R_9 is $-OCH_2CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group and p is 0; R_1 is $-CH_3$; Ar_2 is a benzoimidazolyl group; R_8 is $-OCH_2CH_3$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group and p is 0; R_1 is $-CF_3$; Ar_2 is a benzoimidazolyl group; and R_8 and R_9 are $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group and p is 0; R_1 is $-CF_3$; Ar_2 is a benzoimidazolyl group; R_8 is $-H$; and R_9 is $-halo$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinyl group and p is 0; R_1 is $-CF_3$; Ar_2 is a benzoimidazolyl group; R_8 is $-H$; and R_9 is $-chloro$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -CF₃; Ar₂ is a benzoimidazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon

atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinidyl group and p is 0; R_1 is $-CF_3$; Ar_2 is a benzoimidazolyl group; R_8 is $-H$; and R_9 is $-CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinidyl group and p is 0; R_1 is $-CF_3$; Ar_2 is a benzoimidazolyl group; R_8 is $-CH_3$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinidyl group and p is 0; R_1 is $-CF_3$; Ar_2 is a benzoimidazolyl group; R_8 is $-H$; and R_9 is $-CF_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinidyl group and p is 0; R_1 is $-CF_3$; Ar_2 is a benzoimidazolyl group; R_8 is $-CF_3$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinidyl group and p is 0; R_1 is $-CF_3$; Ar_2 is a benzoimidazolyl group; R_8 is $-H$; and R_9 is $-OCH_2CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinidyl group and p is 0; R_1 is $-CF_3$; Ar_2 is a benzoimidazolyl group; R_8 is $-OCH_2CH_3$; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyrimidinidyl group and p is 0; R_1 is $-F$, $-Cl$, $-Br$, or $-I$; Ar_2 is a benzoimidazolyl group; R_8 is *-tert*-butyl; and R_9 is $-H$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

10 In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -F; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is *-tert*-butyl; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -H; and R₉ is *-tert*-butyl. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyrimidinidyl group and p is 0; R₁ is -CH₃; Ar₂ is a benzoimidazolyl group; R₈ is -CH₃; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F, -Cl, -Br, or -I; R₄ is -H; Ar₂ is a benzooxazolyl group; and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

30 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F; R₄ is -H; Ar₂ is a benzooxazolyl group and R₈ and R₉ are -H. In another embodiment, the carbon atom to

which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzooxazolyl group; R_8 is -H; and R_9 is -halo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzooxazolyl group; R_8 is -H; and R_9 is -chloro. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzooxazolyl group; R_8 is -H; and R_9 is -bromo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzooxazolyl group; R_8 is -H; and R_9 is -fluoro. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F, -Cl, -Br, or -I; Ar_2 is a benzooxazolyl group; R_8 is -H; and R_9 is -iodo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -Cl; Ar_2 is a benzooxazolyl group; R_8 is -H; and R_9 is -halo. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -Cl; Ar_2 is a benzooxazolyl group; R_8 is -H; and R_9 is -chloro. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -Cl; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -Cl; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

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15 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -chloro; and R₉ is -H.

20 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

30 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F, -Cl, -Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F; Ar₂ is a
10 benzooxazolyl group; R₈ is -bromo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -fluoro; and R₉ is -H. In another embodiment, the carbon atom to
15 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -iodo; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon
20 atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F, -Cl, Br, or -
30 I; Ar₂ is a benzooxazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon

atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F; Ar_2 is a benzooxazolyl group; R_8 is $-CH_3$; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F, -Cl, Br, or -I; Ar_2 is a benzooxazolyl group; R_8 is -H; and R_9 is $-CF_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F; Ar_2 is a benzooxazolyl group; R_8 is -H; and R_9 is $-CF_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F, -Cl, Br, or -I; Ar_2 is a benzooxazolyl group; R_8 is $-CF_3$; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F; Ar_2 is a benzooxazolyl group; R_8 is $-CF_3$; and R_9 is -H. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F, -Cl, Br, or -I; Ar_2 is a benzooxazolyl group; R_8 is -H; and R_9 is $-OCH_2CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar_1 is a pyridyl group and n is 0; R_1 is -F; Ar_2 is a benzooxazolyl group; R_8 is -H; and R_9 is $-OCH_2CH_3$. In another embodiment, the carbon atom to which the R_3 group is attached has the R configuration. In another embodiment, the carbon atom to which the R_3 group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F, -Cl, Br, or -I; Ar₂ is a benzooxazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

5 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -F; Ar₂ is a benzooxazolyl group; R₈ is -OCH₂CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a
10 benzooxazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -chloro. In another embodiment, the carbon atom to
15 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -bromo. In another embodiment, the carbon atom to
20 which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -fluoro. In another embodiment, the carbon atom to
which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

25 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -iodo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a
30 benzooxazolyl group; R₈ is -halo; and R₉ is -H. In another embodiment, the carbon atom to

which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CH₃; Ar₂ is a benzooxazolyl group; R₈ is -chloro; and R₉ is -H. In another embodiment, the carbon atom to
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20 benzooxazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

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25 benzooxazolyl group; R₈ is -CH₃; and R₉ is -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

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benzooxazolyl group; R₈ is -H; and R₉ is -CF₃. In another embodiment, the carbon atom to
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15 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a benzooxazolyl group; and R₈ and R₉ are -H. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

20 In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -halo. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.

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In another embodiment, Ar₁ is a pyridyl group and n is 0; R₁ is -CF₃; Ar₂ is a benzooxazolyl group; R₈ is -H; and R₉ is -CH₃. In another embodiment, the carbon atom to which the R₃ group is attached has the R configuration. In another embodiment, the carbon atom to which the R₃ group is attached has the S configuration.